

LONDON-WEST MIDLANDS ENVIRONMENTAL STATEMENT

Volume 5 | Map books

Landscape and Visual - West Midlands Metropolitan (Part 4 of 4)

November 2013 ES 3.5.1.7.4



High Speed Two (HS2) Limited has been tasked by the Department for Transport (DfT) with managing the delivery of a new national high speed rail network. It is a non-departmental public body wholly owned by the DfT.

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Map series name	LV-01 Photomontages	LV-02 Landscape Character Areas	LV-07 Construction Phase Zone of Theoretical Visibility (ZTV) and Viewpoints	LV-o8 Operational Phase Zone of Theoretical Visibility (ZTV) and Viewpoints
Map series description	Photomontages illustrating the Proposed Scheme during construction and operation.	Maps showing the landscape character areas that have been considered for assessment and illustrating significant residual effects during construction and	Maps showing the construction phase zone of theoretical visibility (ZTV) and the viewpoint locations from which the visual assessment of the	Maps showing the operational phase year one and year fifteen zone of theoretical visibility (ZTV) and the viewpoint locations from which the visual
Community Forum Area name		operation.	Proposed Scheme has been undertaken.	assessment of the Proposed Scheme has been undertaken.
CFA 23 — Balsall Common and Hampton- in-Arden	✓	✓	✓	✓
CFA 24 — Birmingham Interchange and Chelmsley Wood	✓	✓	✓	✓
CFA 25 – Castle Bromwich and Bromford	✓	✓	✓	✓
CFA 26 – Washwood Heath to Curzon Street	✓	✓	✓	✓

Mapping explanatory notes

Copyright statements

Copyright statements are presented in the data dictionary and definitions section at the front of the map book, due to limited space to include this on the individual maps themselves.

Ordnance Survey data

All maps produced as part of the London-West Midlands Environmental Statement (ES) contain Ordnance Survey (OS) data. HS2 Ltd uses the most up-to-date mapping available, where possible, supplied by the OS. As such, we cannot be held responsible for any inaccuracies within this data.

As part of our licence conditions, all digital maps carry a watermark.

Chainage

Most of the maps presented as part of the ES have a chainage value shown next to the alignment. Chainage is presented on the maps in black font, in the form of XX+YYY, for example: 77+000.

Chainage (known as reference chainage) is referenced from Euston station, which is 0+000, and the value presented is in metres. For example, 77+000 refers to the point 77,000m, or 77km, from Euston station. Chainage values increase in intervals dependant on the map scale. For maps at 1:50,000, scale chainage is shown at 1:25,000, scale chainage is shown at 1:25,000, scale chainage is shown at 1km intervals. For maps at 1:10,000, 1:5,000 and 1:2,500 scales, chainage is shown at 1km intervals.

Chainage has been included on the maps as a useful tool for comparing map sets showing the different environmental themes or engineering plans, due to map sets having different scales and therefore showing differing amounts of alignment on the map.

Map orientation

The majority of the maps presented in these map books are presented with the railway alignment running horizontally across the page. The direction of travel to London would be following the alignment to the right hand side of the page, and the West Midlands to the left.

The exceptions to this are map series LV-02, LV-03, LV-04, LV-07 and LV-08, which present the alignment running from the bottom to the top of the page. This is to allow more of the modelled outputs to be shown at the appropriate map scale. In this instance, the direction of travel to London would be to the bottom of the page, and the West Midlands to the top.

Map books

There are a total of 76 map books in the ES, spread across Volumes 2, 4 and 5. A list of the titles is provided in the table below for reference.

Name	Name	
Volume 2 Map Books Community Forum Area: 01 Euston — Station and Approach	Volume 5 Map Books: Ecology – Community Forum Area: 05 Northolt Corridor	
Volume 2 Map Book s Community Forum Area: 02 Camden Town and HS1 Link	Volume 5 Map Books: Ecology – Community Forum Area: o6 South Ruislip to Ickenham	
Volume 2 Map Books Community Forum Area: 03 Primrose Hill to Kilburn (Camden)	Volume 5 Map Books: Ecology – Community Forum Area: 07 Colne Valley	
Volume 2 Map Books Community Forum Area: 04 Kilburn (Brent) to Old Oak Common	Volume 5 Map Books: Ecology – Community Forum Area: o8 The Chalfonts and Amersham	
Volume 2 Map Books Community Forum Area: 05 Northolt Corridor	Volume 5 Map Books: Ecology – Community Forum Area: 09 Central Chilterns	
Volume 2 Map Books Community Forum Area: o6 South Ruislip to Ickenham	Volume 5 Map Books: Ecology – Community Forum Area: 10 Dunsmore, Wendover and Halton	
Volume 2 Map Books Community Forum Area: 07 Colne Valley	Volume 5 Map Books: Ecology — Community Forum Area: 11 Stoke Mandeville and Aylesbury	
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Volume 2 Map Books Community Forum Area: 09 Central Chilterns	Volume 5 Map Books: Ecology – Community Forum Area: 13 Calvert, Steeple Claydon, Twyford and Chetwode	
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Volume 4 Map Books Off Route Effects	Volume 5 Map Books: Landscape and Visual – West Midlands Metropolitan	
Volume 5 Map Books: Agriculture, Forestry and Soils	Volume 5 Map Books: Socio-Economic	
Volume 5 Map Books: Air Quality	Volume 5 Map Books: Sound, Noise and Vibration – Euston and London Metropolitan	
Volume 5 Map Books: Community	Volume 5 Map Books: Sound, Noise and Vibration – Country South	
Volume 5 Map Books: Cultural Heritage – Euston and London Metropolitan	Volume 5 Map Books: Sound, Noise and Vibration – Country North	
Volume 5 Map Books: Cultural Heritage – Country South	Volume 5 Map Books: Sound, Noise and Vibration – West Midlands Metropolitan	
Volume 5 Map Books: Cultural Heritage – Country North	Volume 5 Map Books: Traffic and Transport	
Volume 5 Map Books: Cultural Heritage – West Midlands Metropolitan	Volume 5 Map Books: Water Resources – Euston and London Metropolitan	
Volume 5 Map Books: Ecology – Community Forum Area: 01 Euston - Station and Approach	Volume 5 Map Books: Water Resources – Country South	
Volume 5 Map Books: Ecology — Community Forum Area: 02 Camden Town and HS1 Link	Volume 5 Map Books: Water Resources – Country North	
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LONDON-WEST MIDLANDS ENVIRONMENTAL STATEMENT

Data dictionary and definitions

Data dictionary and definitions

Legend features	Definition	Source	Copyright
5m contours	5m contour lines showing the surrounding topography.	GeoStore	©GeoPerspectives
Community Forum boundary	The Environmental Statement has been split into 26 sections called Community Forum Areas.	High Speed Two (HS2) Ltd	© Crown Copyright and database rights 2013 Ordnance Survey Licence Number 100049190.
Construction compounds	Main construction compounds in which main contractors offices and welfare facilities will be located. Satellite construction compounds which serve local works for major construction elements within a main contract.	High Speed Two (HS2) Ltd	
County boundary	County boundary from Ordnance Survey boundary mapping.	Ordnance Survey	© Crown Copyright and database rights 2013 Ordnance Survey Licence Number 100049190.
Depot, station, headhouse or portal building	Extends to cover operational footprint of each depot and station and the footprint of each tunnel vent shaft and headhouse at surface level. Excludes any ancillary buildings associated with these structures.	High Speed Two (HS2) Ltd	
District/Borough boundary	Ordnance Survey local authority boundary mapping.	Ordnance Survey	© Crown Copyright and database rights 2013 Ordnance Survey Licence Number 100049190.
Engineering earthworks: cuttings	Cuttings created in the construction of the railway and associated works such as highways.	High Speed Two (HS2) Ltd	
Engineering earthworks: embankments	Embankments created in the construction of the railway and associated works such as highways.	High Speed Two (HS2) Ltd	
Existing woodland and tree belts	A dataset showing large areas of trees that are likely to have an impact on whether the scheme is visible during construction and vegetation. It was used in the ZTV as part of the base models.	High Speed Two (HS2) Ltd	
Indicative topography, above 200m	Areas of landscape over 200m AOD.	GeoStore	©GeoPerspectives
Indicative topography, above 225m	Areas of landscape over 225m AOD.	GeoStore	©GeoPerspectives
Land potentially required during construction	Boundary defining the maximum possible extent of construction works required to build HS2 as far as the current level of design allows. This only covers surface works and includes all tunnel portals, vent shafts and headhouses, but does not apply to wholly tunnelled sections or to air rights. It also encompasses associated highway, access, drainage and utility works.	High Speed Two (HS2) Ltd	
Landmark viewing corridor	Viewing corridors protected by the London View Management Framework 2013. This represents the core protected corridor in which development is restricted.	Greater London Authority (GLA) High Speed Two (HS2) Ltd	© Crown Copyright and Database Right 2012 Ordnance Survey 100002216 GLA
Landscape character areas (LCA)	This dataset represents the landscape character areas that have been assessed route wide as defined by the Landscape Architects. Landscape character areas (LCAs) are single unique areas which are the discrete geographical areas of a particular landscape type.	High Speed Two (HS2) Ltd	
Long distance views	Long distance views within the Chilterns Area of Outstanding Natural Beauty.	High Speed Two (HS2) Ltd	
Non-engineering earthworks: cuttings	Cuttings created in the construction of landscape features and mitigation measures.	High Speed Two (HS2) Ltd	
Non-engineering earthworks: embankments	Embankments created in the construction of landscape features and mitigation measures.	High Speed Two (HS2) Ltd	
Photomontage location	Shows the locations from which verifiable photomontages have been produced. The locations are based on a fully surveyed point.	High Speed Two (HS2) Ltd	

Legend features	Definition	Source	Copyright
Proposed tree planting	A dataset showing proposed planting that may have an impact on whether the scheme is visible during construction and operation. It was used in the operation year 15 ZTV.	High Speed Two (HS2) Ltd	
Public Rights of Way	Public rights of way are highways which can be used for the following purposes: - Footpaths - pedestrian's only - Bridleways - pedestrians, cyclists and equestrians - Restricted byways - as bridleways plus non-motorised vehicles - Byways open to all traffic. Definitive map data supplied by surveying authorities (i.e. county councils, London Boroughs and metropolitan borough councils in the West Midlands).	Buckinghamshire County Council Birmingham City Council Coventry City Council City of Westminster Hertfordshire County Council London Borough of Brent London Borough of Camden London Borough of Ealing London Borough of Hammersmith & Fulham London Borough of Hillingdon Northamptonshire County Council Oxfordshire County Council Royal Borough of Kensington & Chelsea Solihull Metropolitan Borough Council Staffordshire County Council	© Crown Copyright and database rights 2013 Ordnance Survey Licence Number 100049190. This map is based upon Ordnance Survey material with the permission of Ordnance Survey on behalf of the Controller of Her Majesty's Stationery Office © Crown Copyright. Unauthorised reproduction infringes Crown Copyright and may lead to prosecution or civil proceedings. Buckinghamshire County Council Licence No. 100021529, 2012. Copyright Buckinghamshire County Council. © Copyright Coventry City Council © Northamptonshire County Council
Route in tunnel Route on surface	Represents the proposed route of HS2, split into route on surface and tunnelled sections.	High Speed Two (HS2) Ltd	
Significantly affected viewpoint Non-significantly affected viewpoint	This dataset shows the locations of the visual receptors from which the schemes visual impact has been assessed and shows whether or not the impact is significant or non-significant during construction and operation.	High Speed Two (HS2) Ltd	
Viewing location	The viewing location of long distance protected viewing corridors as defined in the London View Management Framework.	Greater London Authority (GLA) High Speed Two (HS2) Ltd	© Crown Copyright and Database Right 2012 Ordnance Survey 100002216 GLA
Water body	Based on Ordnance Survey Vector Map District.	Ordnance Survey	© Crown Copyright and database rights 2013 Ordnance Survey Licence Number 100049190.
Watercourse	The Detailed River Network (DRN) is the only large-scale, accurate and fully attributed digital river centreline covering England and Wales.	Environment Agency	Contains Environment Agency information © Environment Agency and database right.
Wider setting consultation area	Viewing corridors-protected by the London View Management Framework 2013. This represents the wider setting of the protected views, both on the periphery of the views and in the backdrop of the protected landmarks (St Paul's Cathedral and the Houses of Parliament).	Greater London Authority (GLA) High Speed Two (HS2) Ltd	© Crown Copyright and Database Right 2012 Ordnance Survey 100002216 GLA
Zone of Theoretical Visibility (ZTV) Construction	This is a computer-generated model showing areas of land within which the activities undertaken during the construction of the scheme may be theoretically visible. ZTV has been used as a tool for identifying likely areas for survey and assessment based on initial scheme design.	High Speed Two (HS2) Ltd	
Zone of Theoretical Visibility (ZTV) Operation Year 1	This is a computer-generated model showing areas of land within which the scheme may be theoretically visible on day 1 of operation.	High Speed Two (HS2) Ltd	
Zone of Theoretical Visibility (ZTV) Operation Year 15	This is a computer-generated model showing areas of land within which the scheme may be theoretically visible after 15 years of operation by incorporating an assumed height of 7.5 metres for any mitigation planting.	High Speed Two (HS2) Ltd	

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LONDON-WEST MIDLANDS ENVIRONMENTAL STATEMENT

CFA23 | Balsall Common and Hampton-in-Arden

LV-01 - Photomontages

LV-02 - Landscape Character Areas

LV-o7 - Construction Phase Zone Of Theoretical Visibility (ZTV) & Viewpoints

LV-o8 - Operational Phase Zone Of Theoretical Visibility (ZTV) & Viewpoints



Operation Year 1 (2026) - Winter verifiable photomontage



Technical InformationLocation: Viewpoint 283-2-003: Long view north-east across pastures from PRoW M196 adjacent to residences on Meeting House Lane.

Date taken: 12/03/13 Time taken: 16:41 Focal length: 57.296mm

Viewpoint location shown on Map LV-04-077b. For key plan legend refer to map series LV-04.

This verifiable photomontage provides an illustration of how the Proposed Scheme may look in 2026 (the opening year). The design of the Proposed Scheme may be subject to design development in response to consultation. Design development will not result in any significant adverse change in the environmental effects detailed in the photomontages of the Proposed Scheme. Where new planting is proposed, it has been shown as immature plants which would mature over time to further integrate the Proposed Scheme into the landscape.



LV-01-163

Verifiable Photomontage Operation Year 1 (2026) - Winter Viewpoint 283-2-003

> Community Forum Area CFA23: Balsall Common and Hampton in Arden

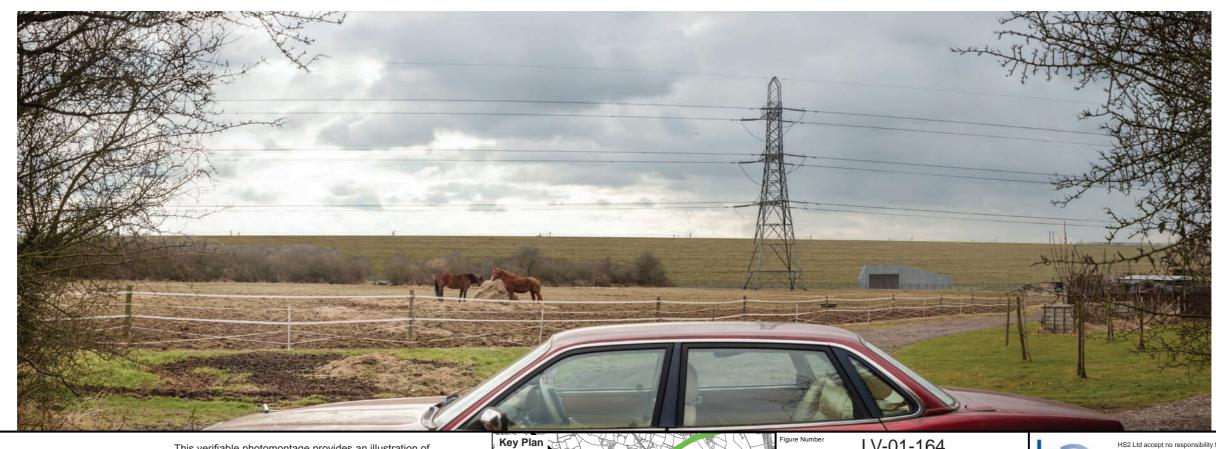
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Operation Year 1 (2026) - Winter verifiable photomontage



Technical Information
Location: Viewpoint 284-3-001: View south across Beechwood
Farm pastures from Millennium Way PRoW (M198).

Date taken: 12/03/13 Time taken: 15:24 Focal length: 57.296mm

Viewpoint location shown on Map LV-04-077b. For key plan legend refer to map series LV-04.

This verifiable photomontage provides an illustration of how the Proposed Scheme may look in 2026 (the opening year). The design of the Proposed Scheme may be subject to design development in response to consultation. Design development will not result in any significant adverse change in the environmental effects detailed in the photomontages of the Proposed Scheme. Where new planting is proposed, it has been shown as immature plants which would mature over time to further integrate the Proposed Scheme into the landscape.

LV-01-164

Verifiable Photomontage Operation Year 1 (2026) - Winter Viewpoint 284-3-001

Community Forum Area CFA23: Balsall Common and Hampton in Arden

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Date: 17/10/13



Operation Year 1 (2026) - Winter verifiable photomontage



Technical Information Location: Viewpoint 286-2-003: View south-west across pastures from residences on Baulk Lane.

Date taken: 30/01/13 Time taken: 11:20 Focal length: 57.296mm

Viewpoint location shown on Map LV-04-078. For key plan legend refer to map series LV-04.

This verifiable photomontage provides an illustration of how the Proposed Scheme may look in 2026 (the opening year). The design of the Proposed Scheme may be subject to design development in response to consultation. Design development will not result in any significant adverse change in the environmental effects detailed in the photomontages of the Proposed Scheme. Where new planting is proposed, it has been shown as immature plants which would mature over time to further integrate the Proposed Scheme into the landscape.



LV-01-165

Verifiable Photomontage Operation Year 1 (2026) - Winter Viewpoint 286-2-003

> Community Forum Area CFA23: Balsall Common and Hampton in Arden

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Operation Year 1 (2026) - Winter verifiable photomontage

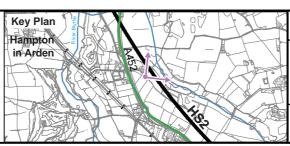


Technical InformationLocation: Viewpoint 291-3-003: View north across Marsh Farm pasture from Millennium Way (M216).

Date taken: 05/03/13 Time taken: 16:59 Focal length: 57.296mm

Viewpoint location shown on Map LV-04-079. For key plan legend refer to map series LV-04.

This verifiable photomontage provides an illustration of how the Proposed Scheme may look in 2026 (the opening year). The design of the Proposed Scheme may be subject to design development in response to consultation. Design development will not result in any significant adverse change in the environmental effects detailed in the photomontages of the Proposed Scheme. Where new planting is proposed, it has been shown as immature plants which would mature over time to further integrate the Proposed Scheme into the landscape.



LV-01-166

Verifiable Photomontage Operation Year 1 (2026) - Winter Viewpoint 291-3-003

Community Forum Area CFA23: Balsall Common and Hampton in Arden

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Operation Year 1 (2026) - Winter verifiable photomontage



Technical InformationLocation: Viewpoint 293-4-003: View north across Blythe Valley from Meriden Road.

Date taken: 12/03/13 Time taken: 10:40 Focal length: 57.296mm

Viewpoint location shown on Map LV-04-080a. For key plan legend refer to map series LV-04.

This verifiable photomontage provides an illustration of how the Proposed Scheme may look in 2026 (the opening year). The design of the Proposed Scheme may be subject to design development in response to consultation. Design development will not result in any significant adverse change in the environmental effects detailed in the photomontages of the Proposed Scheme. Where new planting is proposed, it has been shown as immature plants which would mature over time to further integrate the Proposed Scheme into the landscape.

Verifiable Photomontage Operation Year 1 (2026) - Winter Viewpoint 293-4-003

Community Forum Area CFA23: Balsall Common and Hampton in Arden

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Date: 15/10/13



Operation Year 1 (2026) - Winter verifiable photomontage



Technical Information Location: Viewpoint 295-2-003: View north-east across Mouldings Green Farm farmland from residences on

Diddington Lane.
Date taken: 12/03/13 Time taken: 09:20 Focal length: 57.296mm

Viewpoint location shown on Map LV-04-080b. For key plan legend refer to map series LV-04.

This verifiable photomontage provides an illustration of how the Proposed Scheme may look in 2026 (the opening year). The design of the Proposed Scheme may be subject to design development in response to consultation. Design development will not result in any significant adverse change in the environmental effects detailed in the photomontages of the Proposed Scheme. Where new planting is proposed, it has been shown as immature plants which would mature over time to further integrate the Proposed Scheme into the landscape.

Verifiable Photomontage Operation Year 1 (2026) - Winter Viewpoint 295-2-003

Community Forum Area CFA23: Balsall Common and Hampton in Arden

LV-01-168

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Operation Year 1 (2026) - Winter verifiable photomontage



Technical Information
Location: Viewpoint 296-2-001: View south-west along Meriden Road from Patrick Farm.

Date taken: 12/03/13 Time taken: 11:01 Focal length: 57.296mm

Viewpoint location shown on Map LV-04-080a. For key plan legend refer to map series LV-04.

This verifiable photomontage provides an illustration of how the Proposed Scheme may look in 2026 (the opening year). The design of the Proposed Scheme may be subject to design development in response to consultation. Design development will not result in any significant adverse change in the environmental effects detailed in the photomontages of the Proposed Scheme. Where new planting is proposed, it has been shown as immature plants which would mature over time to further integrate the Proposed Scheme into the landscape.

Key Plan

LV-01-169

Verifiable Photomontage Operation Year 1 (2026) - Winter Viewpoint 296-2-001

Community Forum Area CFA23: Balsall Common and Hampton in Arden

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Date: 17/10/13



Peak construction phase - Winter verifiable photomontage

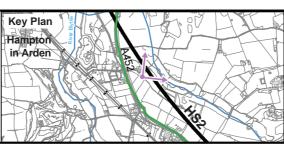


Technical InformationLocation: Viewpoint 291-3-003: View north across Marsh Farm pasture from Millennium Way (M216).

Date taken: 05/03/13 Time taken: 16:59 Focal length: 57.296mm

Viewpoint location shown on Map LV-03-079. For key plan legend refer to map series LV-03.

This verifiable photomontage provides an illustration of how the Proposed Scheme may look during the peak construction phase for this part of the route. The construction methods and siting of construction activities may be subject to change in response to consultation and ongoing design. The extent of land required temporarily to construct the scheme will not extend beyond that shown in the photomontage. Changes in the construction of the Proposed Scheme will not result in any significant adverse change in the environmental effects detailed in the photomontages of the Proposed Scheme.



LV-01-213

Verifiable Photomontage Peak construction phase - Winter Viewpoint 291-3-003

Community Forum Area CFA23: Balsall Common and Hampton in Arden

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Operation Year 15 (2041) - Summer verifiable photomontage

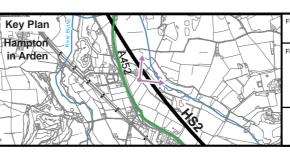


Technical Information Location: Viewpoint 291-3-003: View north across Marsh Farm pasture from Millennium Way M216.

Date taken: 12/09/12 Time taken: 17:50 Focal length: 57.296mm

Viewpoint location shown on Map LV-04-079. For key plan legend refer to map series LV-04.

This verifiable photomontage provides an illustration of how the Proposed Scheme may look in 2041 (15 years after opening). The design of the Proposed Scheme may be subject to design development in response to consultation. Design development will not result in any significant adverse change in the environmental effects detailed in the photomontages of the Proposed Scheme. Where new planting is proposed, it has been shown as semi-mature trees which have put on 15 years of growth to illustrate how the Proposed Scheme will further integrate into the landscape over time.



LV-01-263

Verifiable Photomontage Operation Year 15 (2041) - Summer Viewpoint 291-3-003

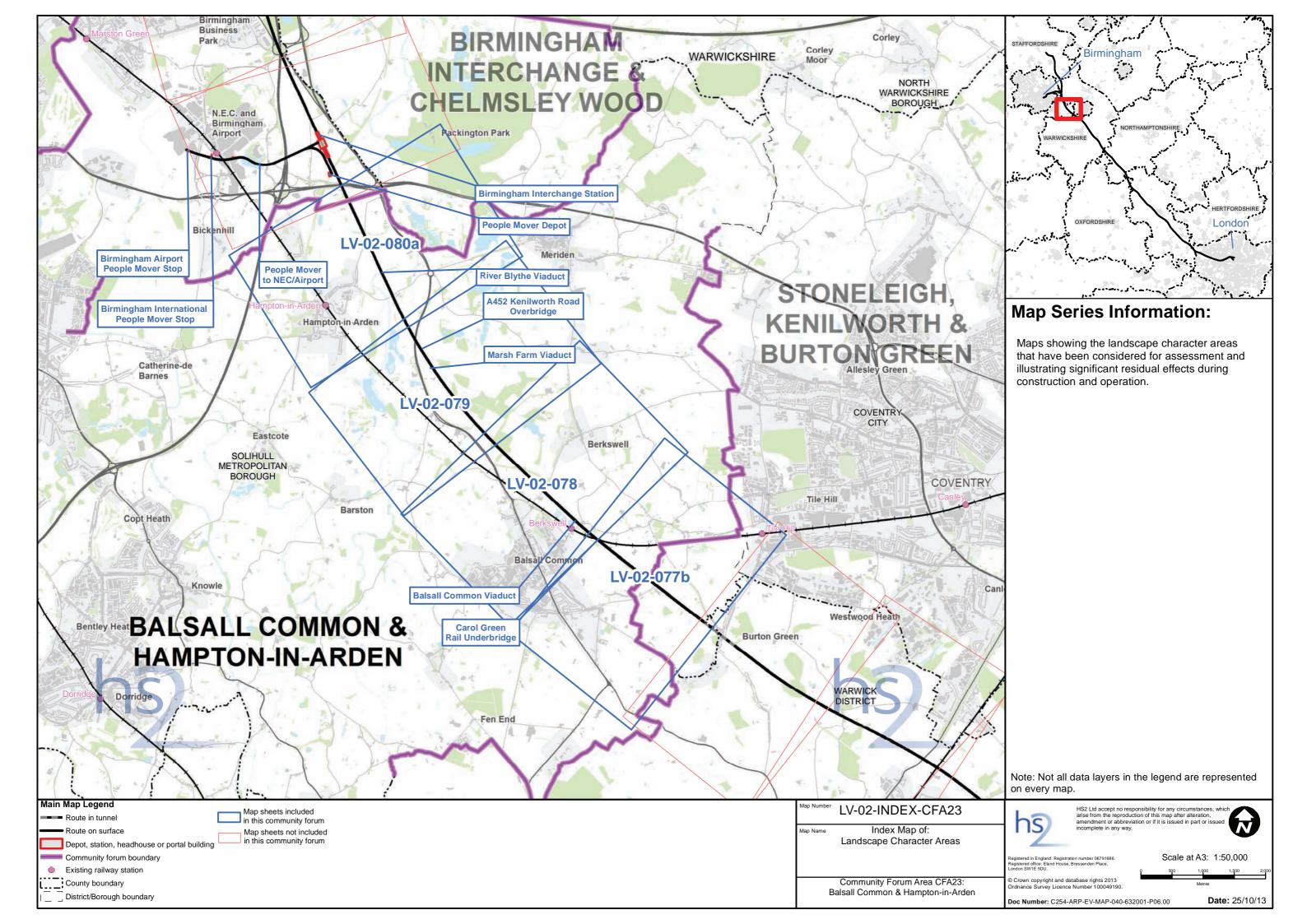
> Community Forum Area CFA23: Balsall Common & Hampton in Arden

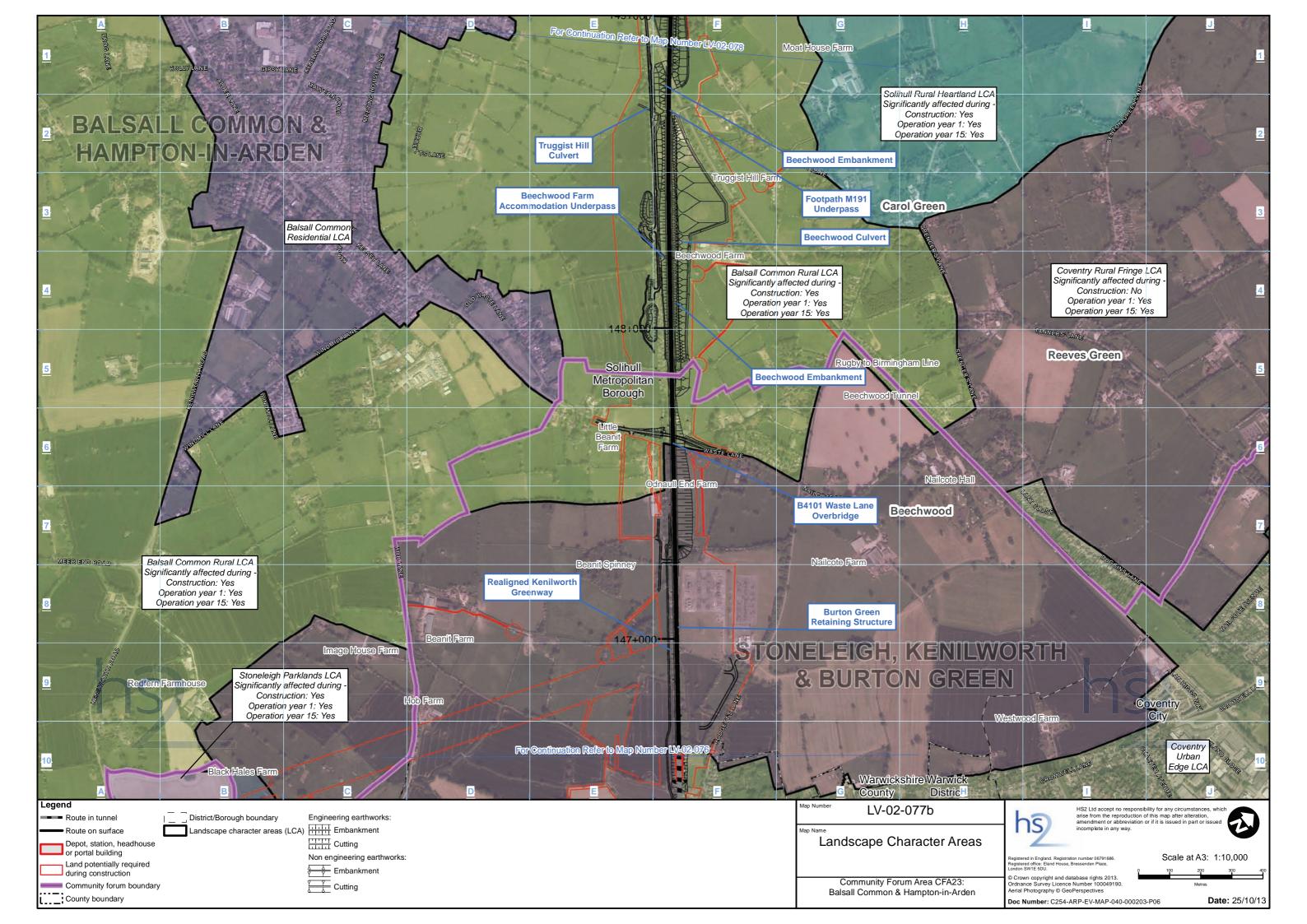
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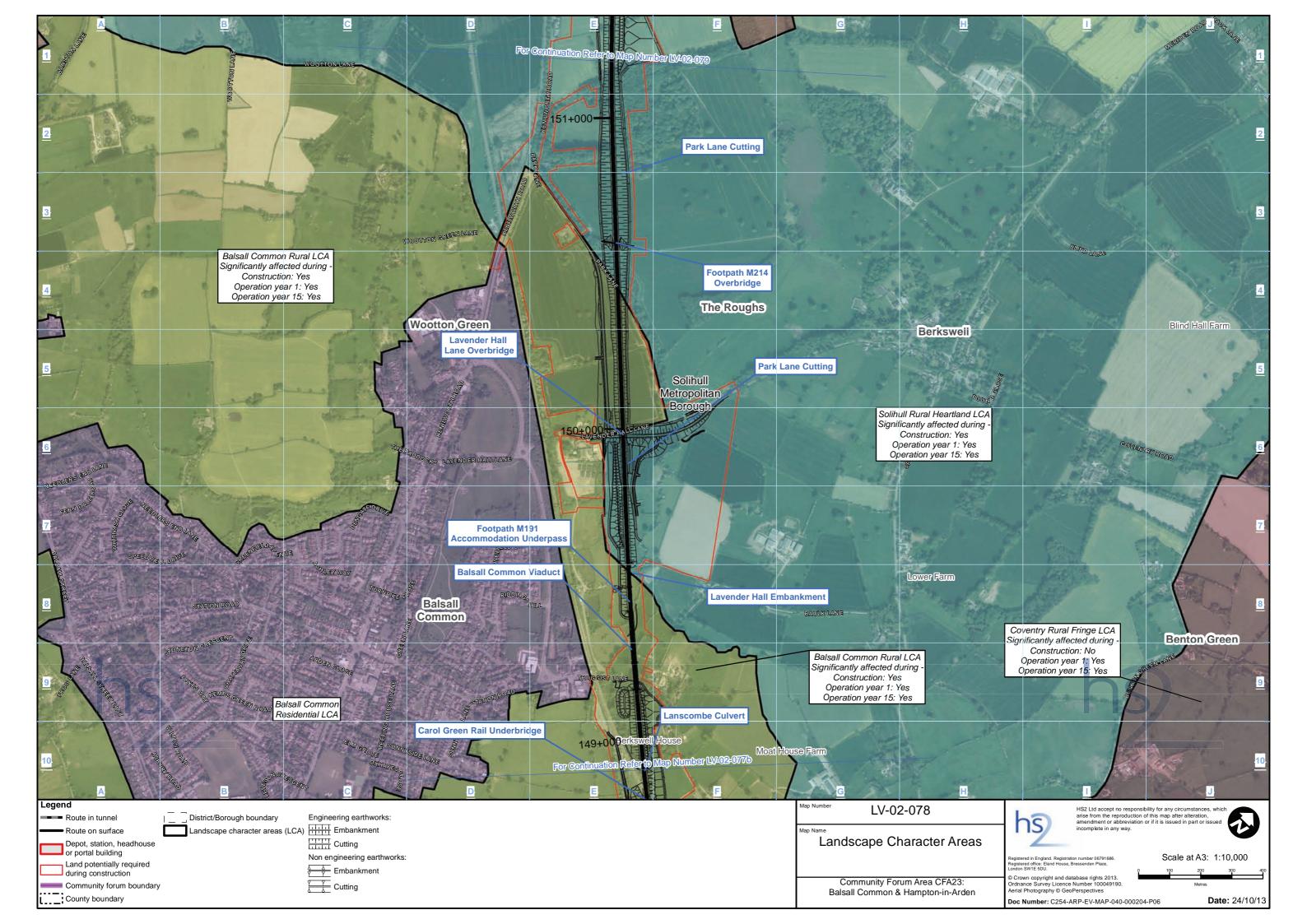
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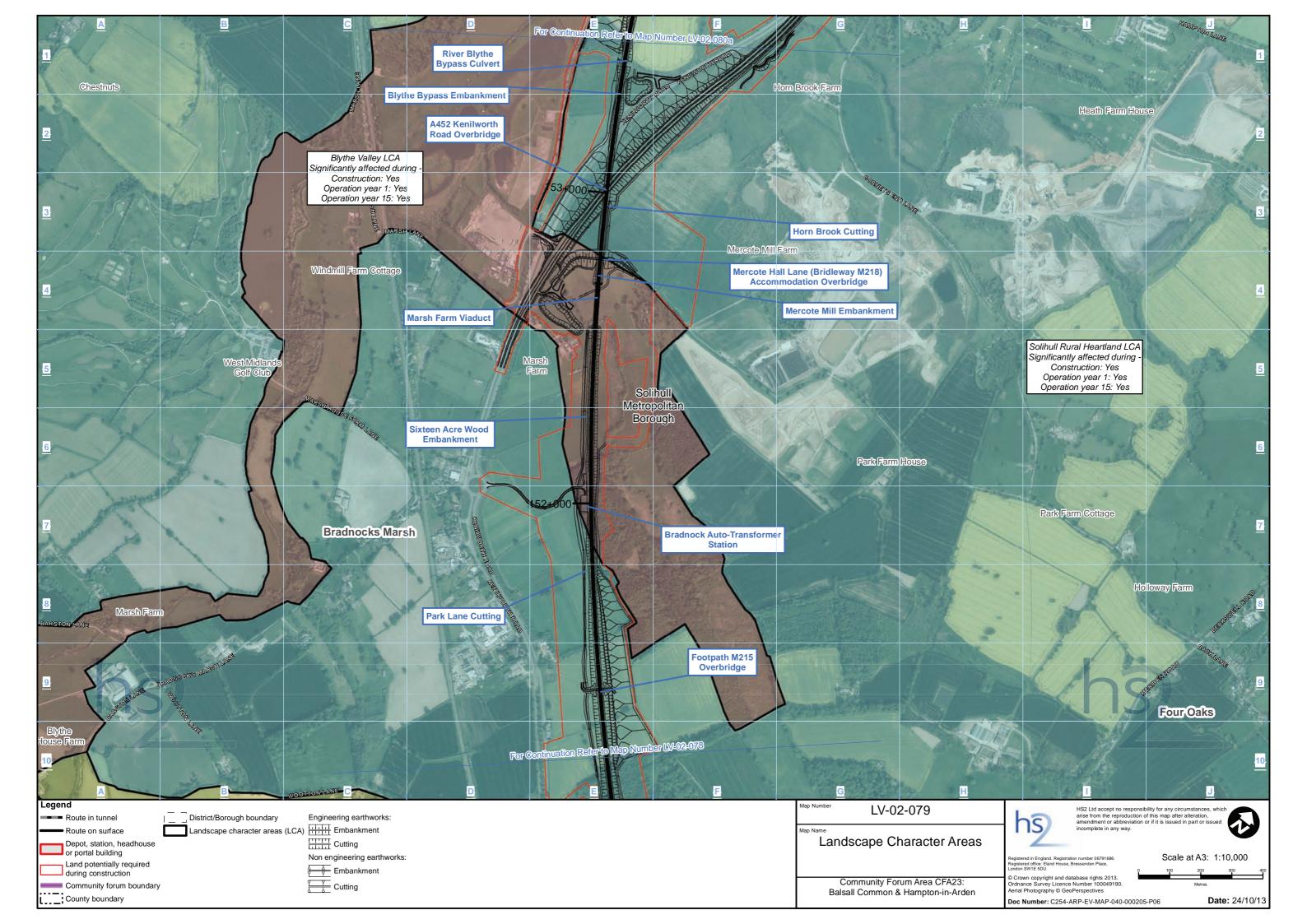
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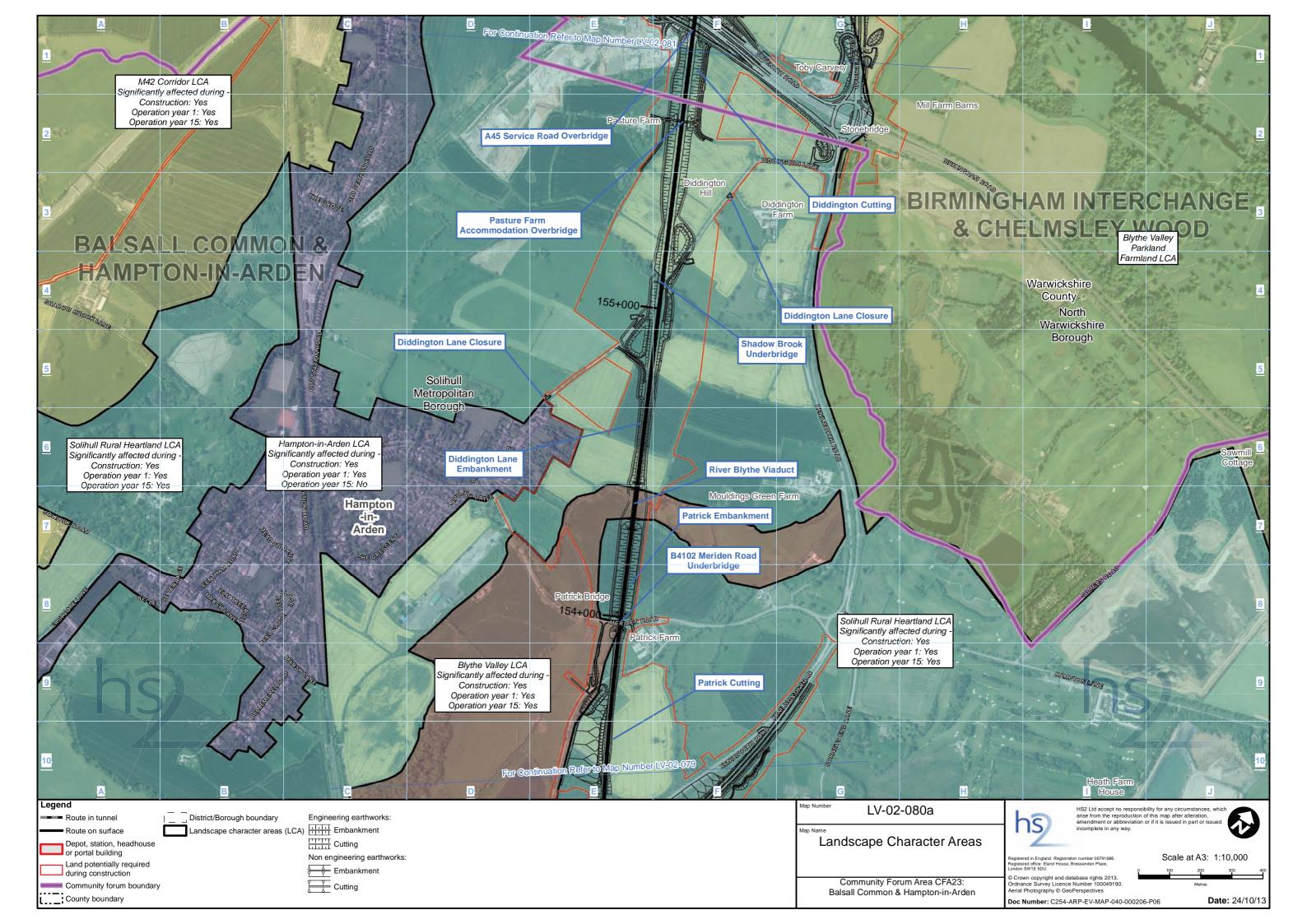
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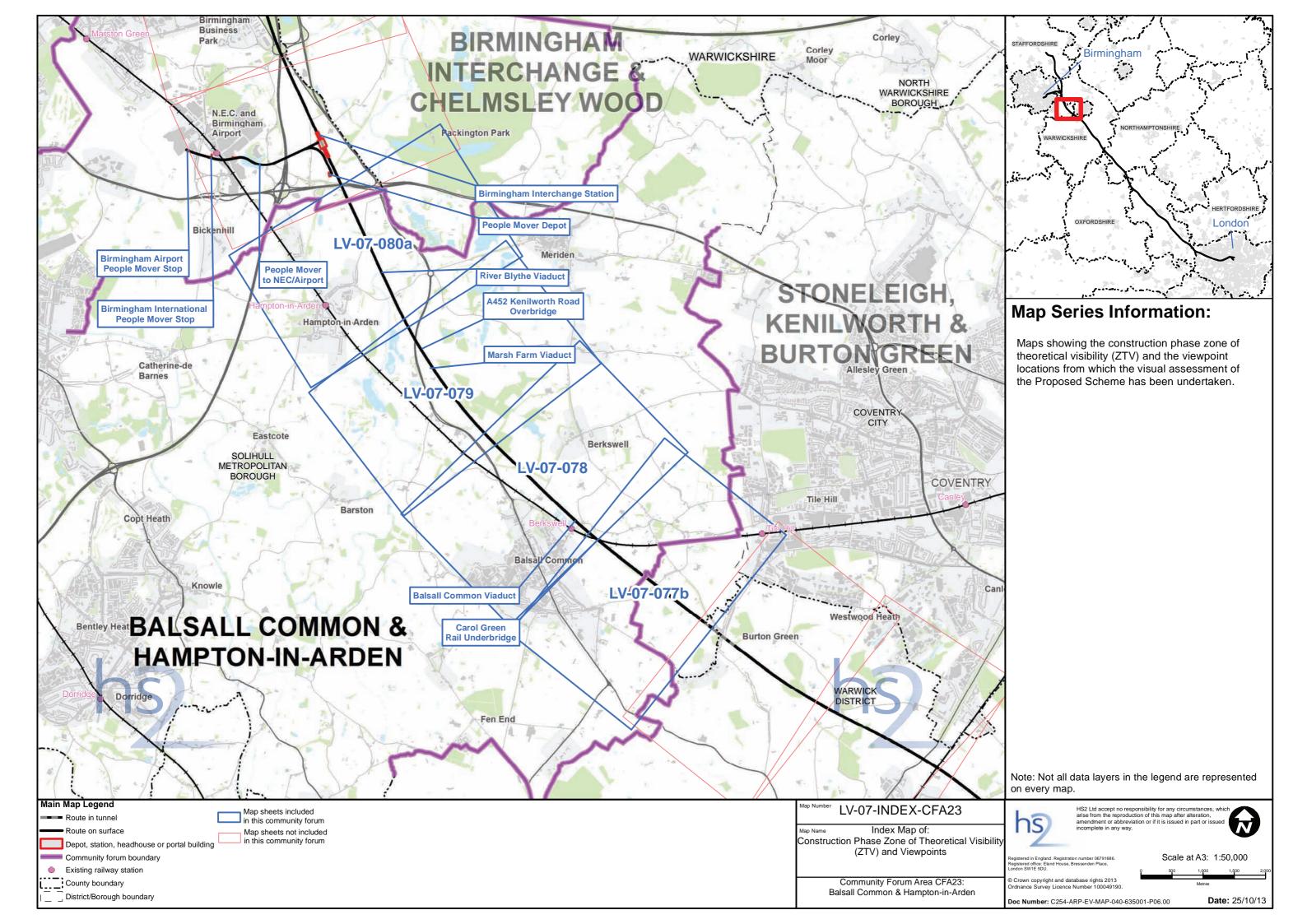


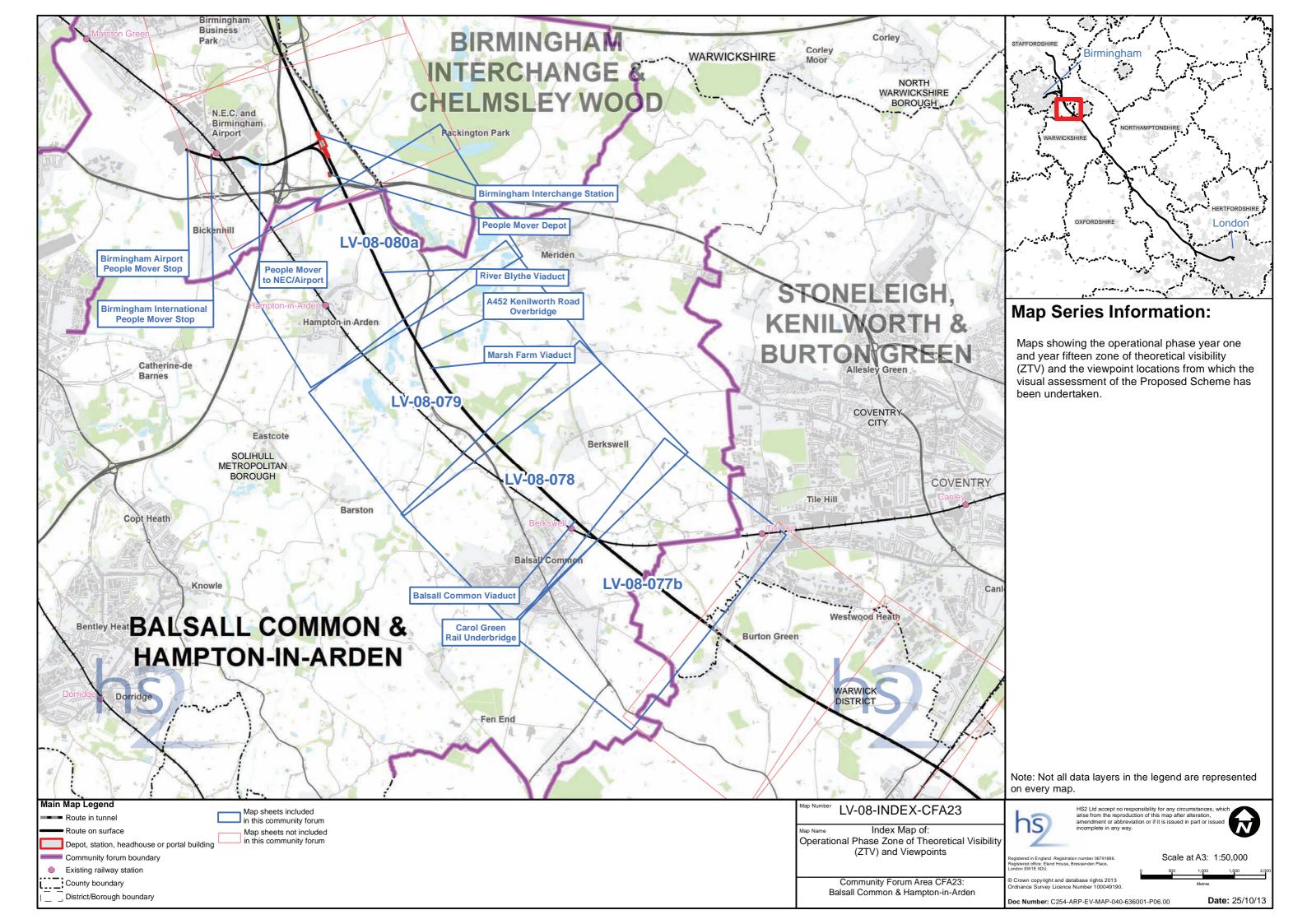


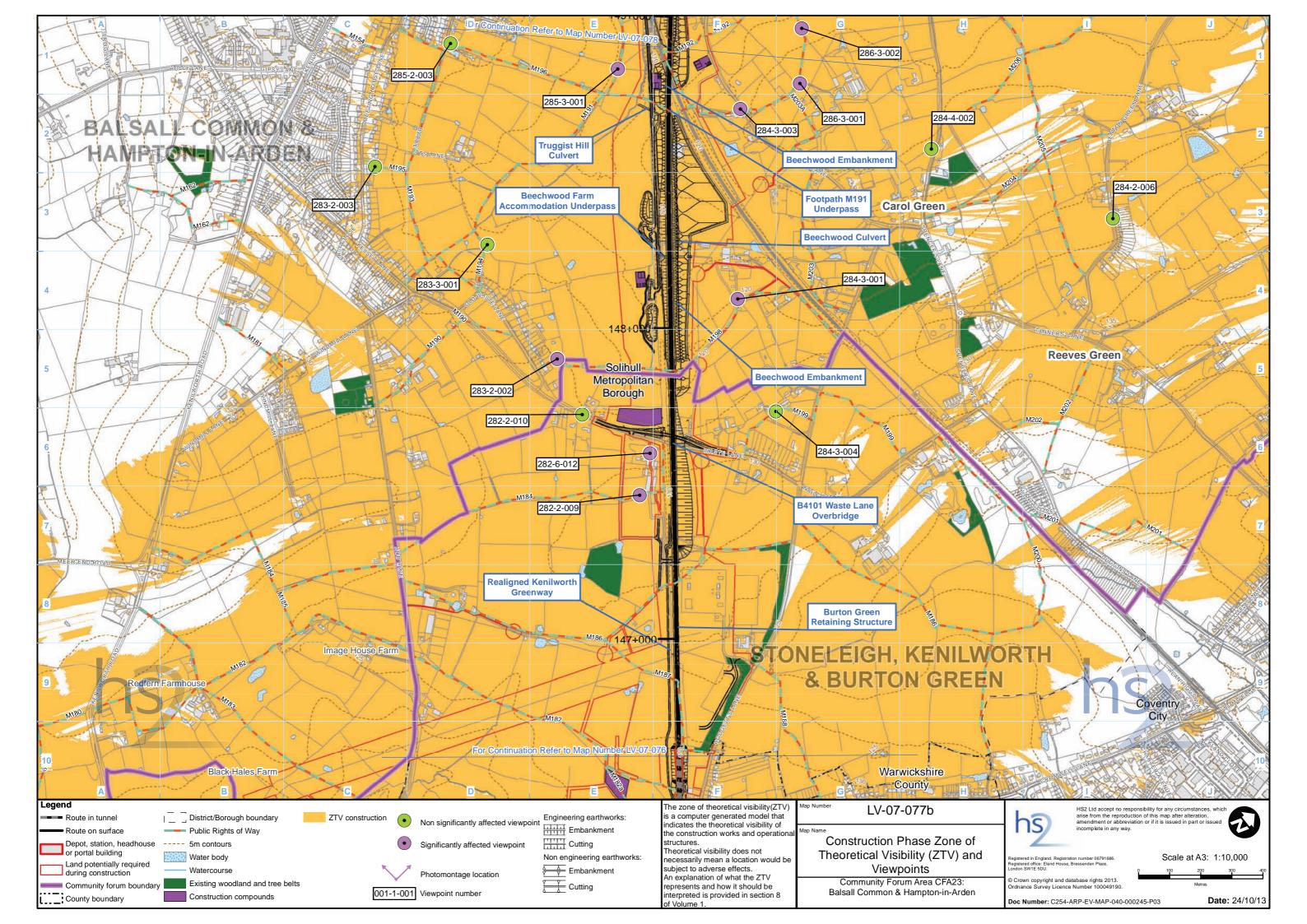


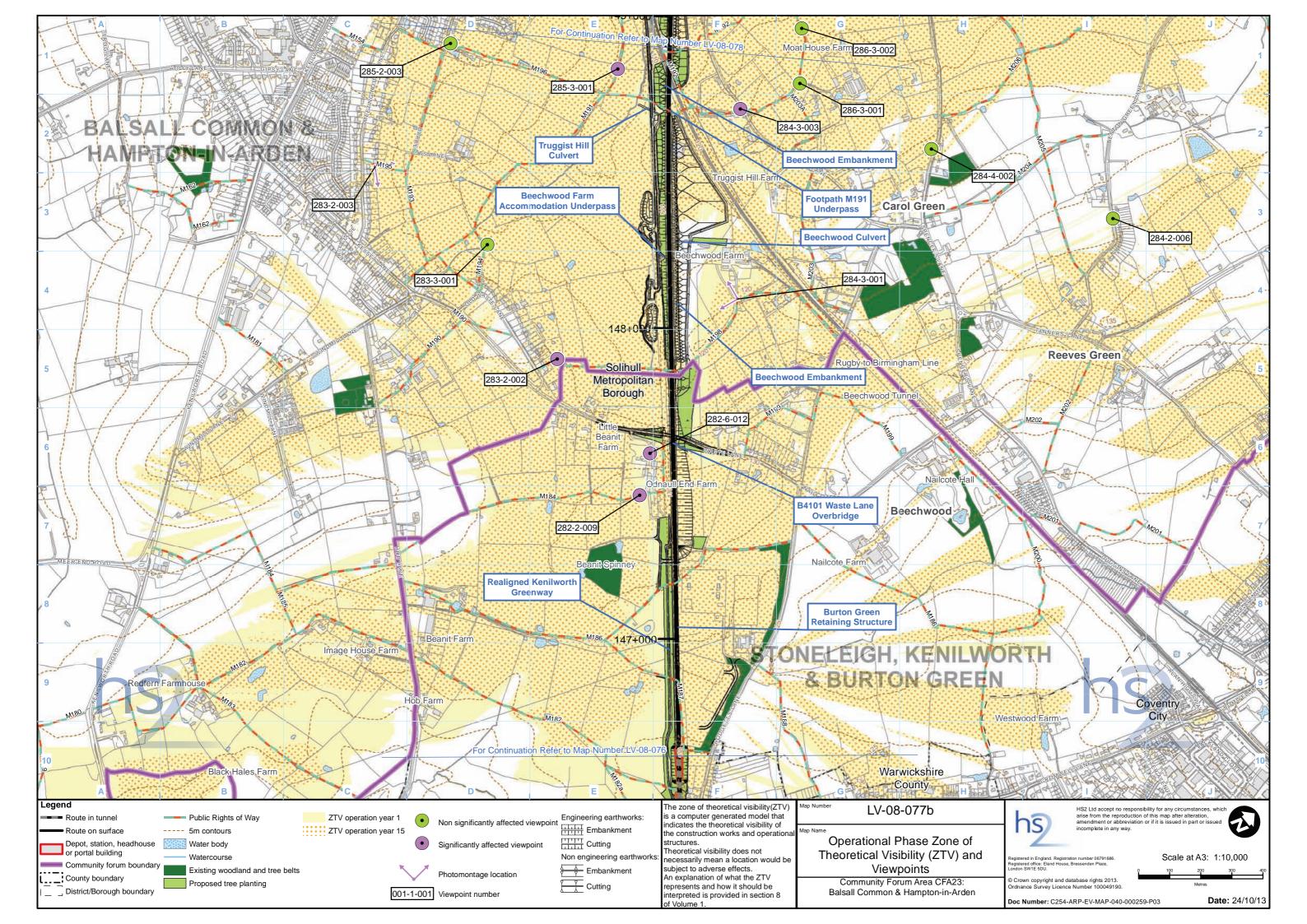


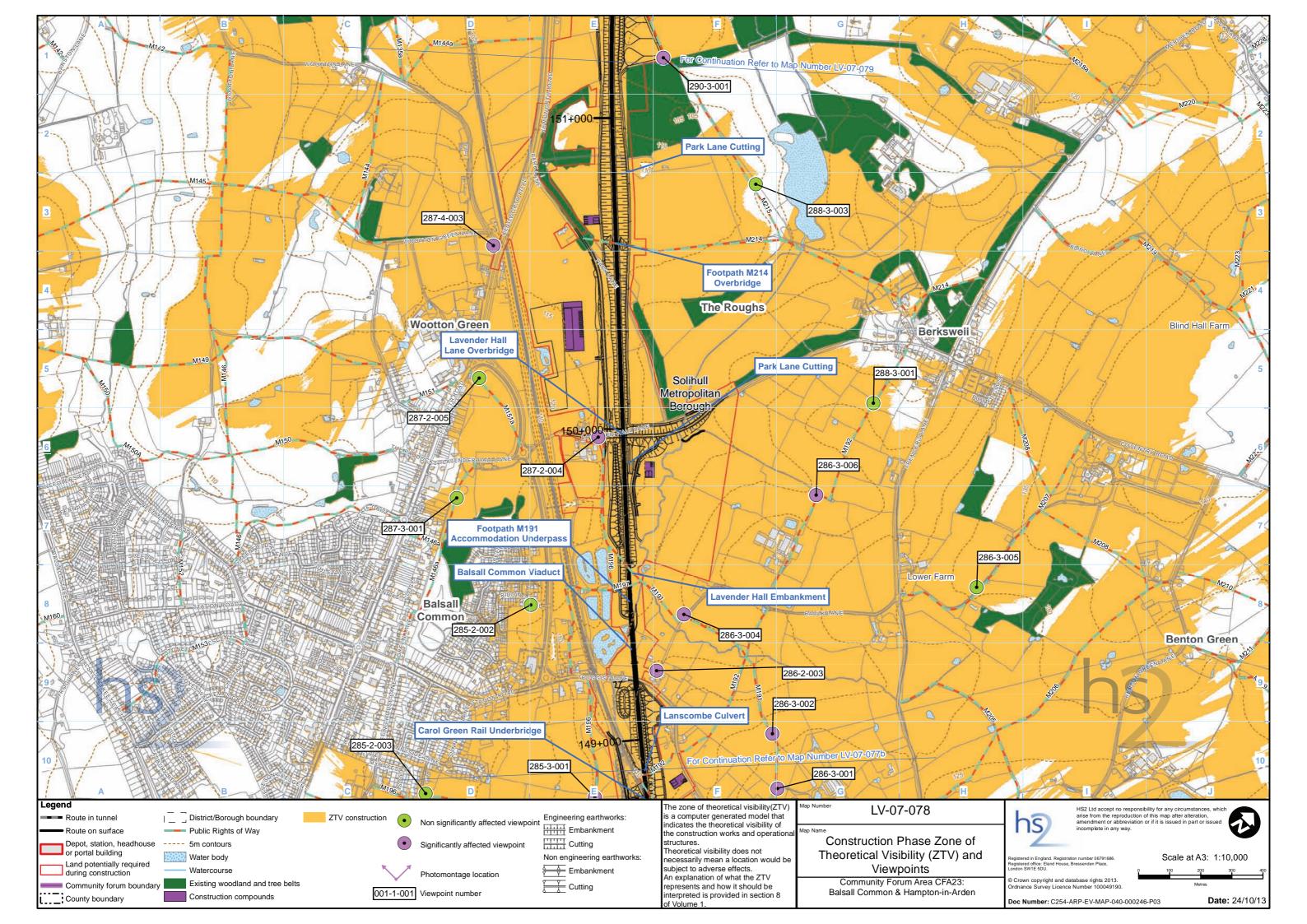
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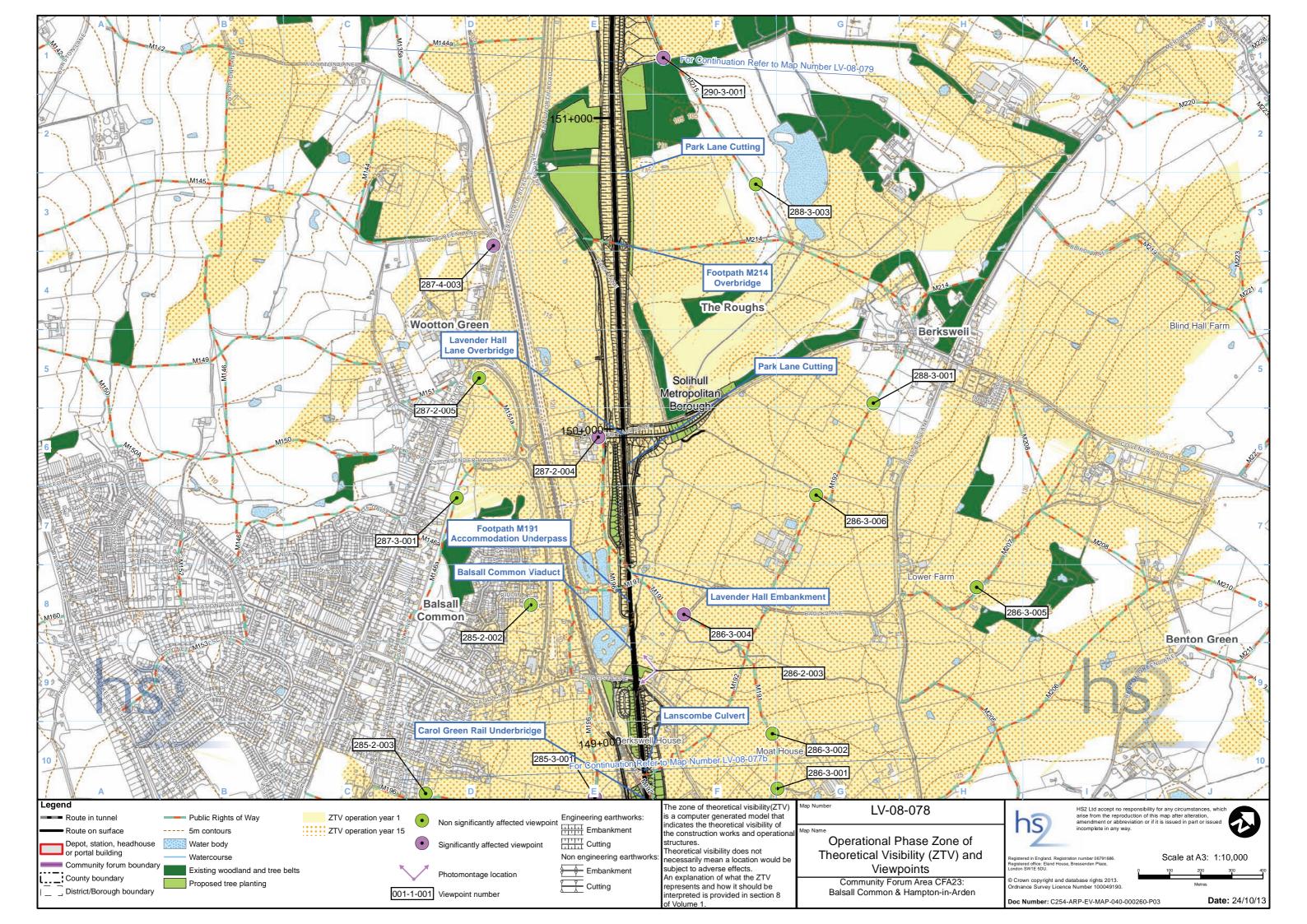


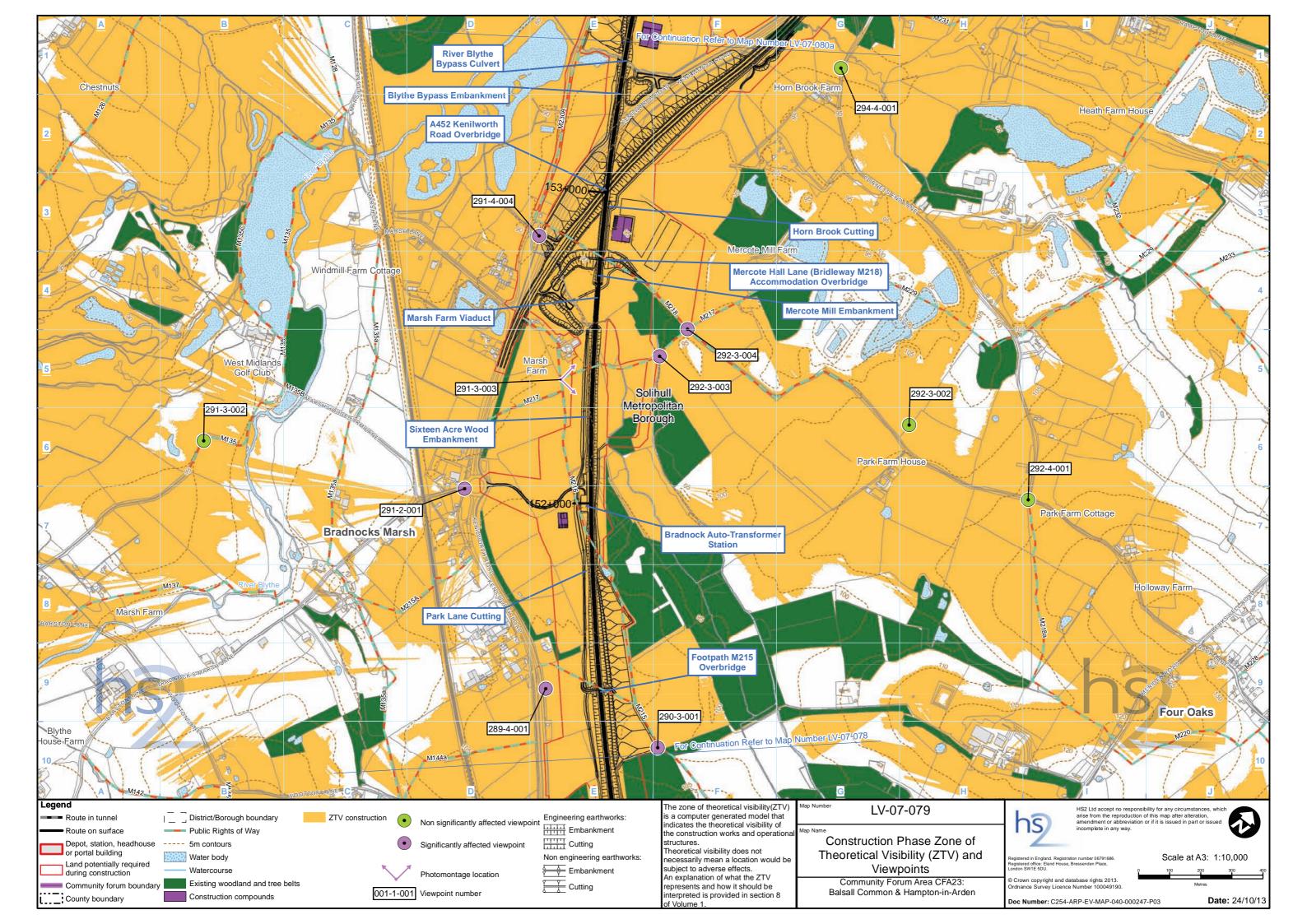


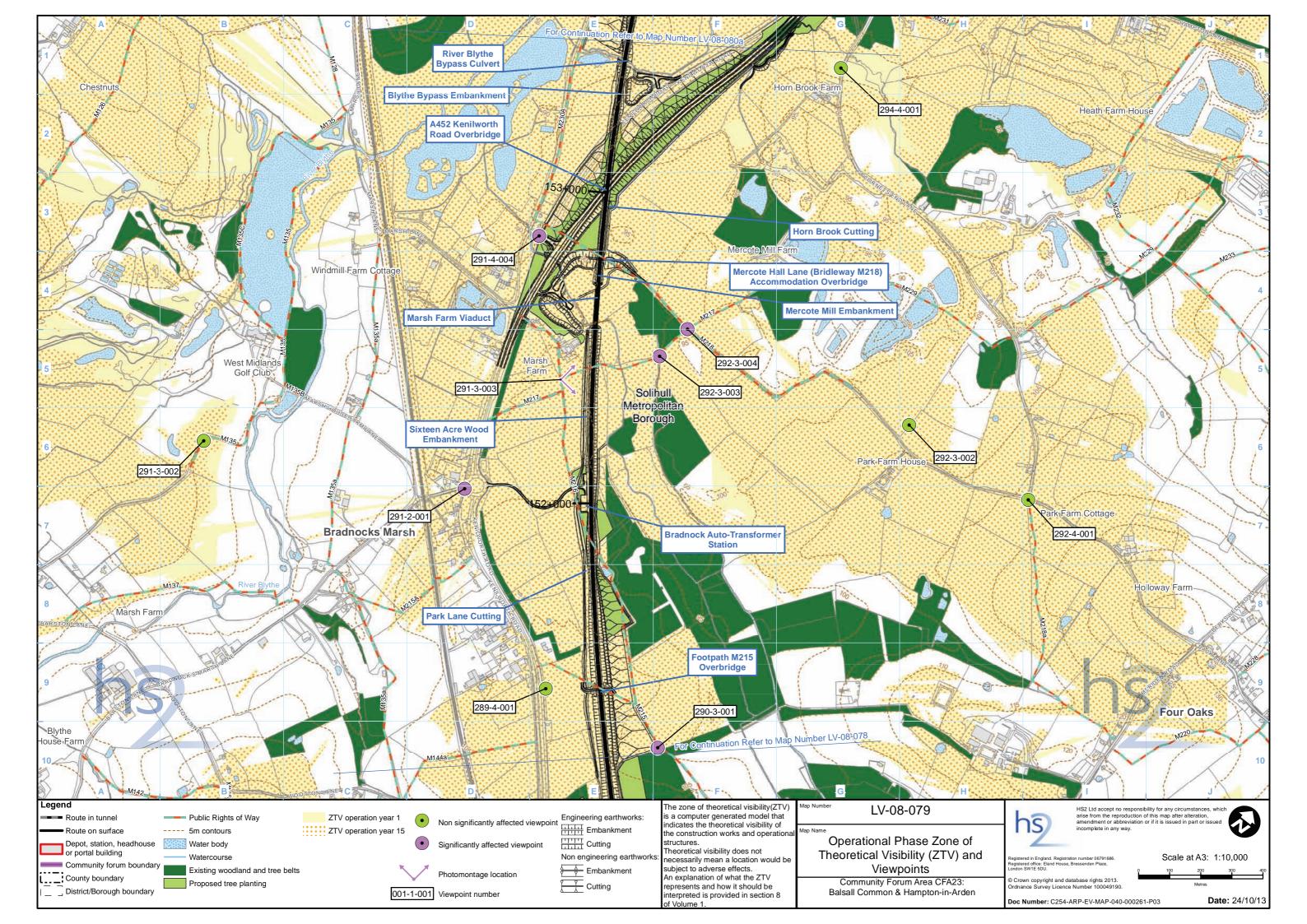


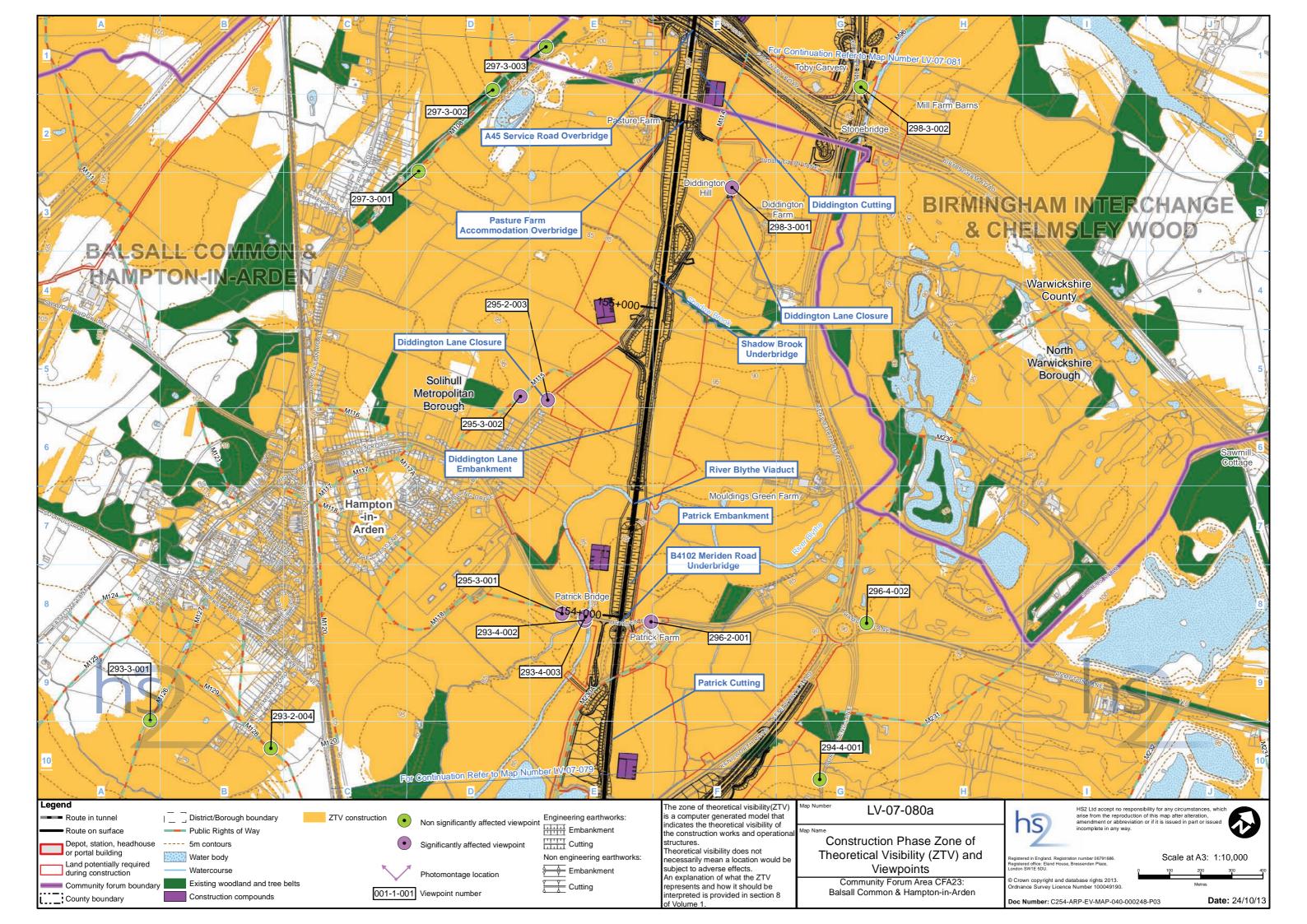


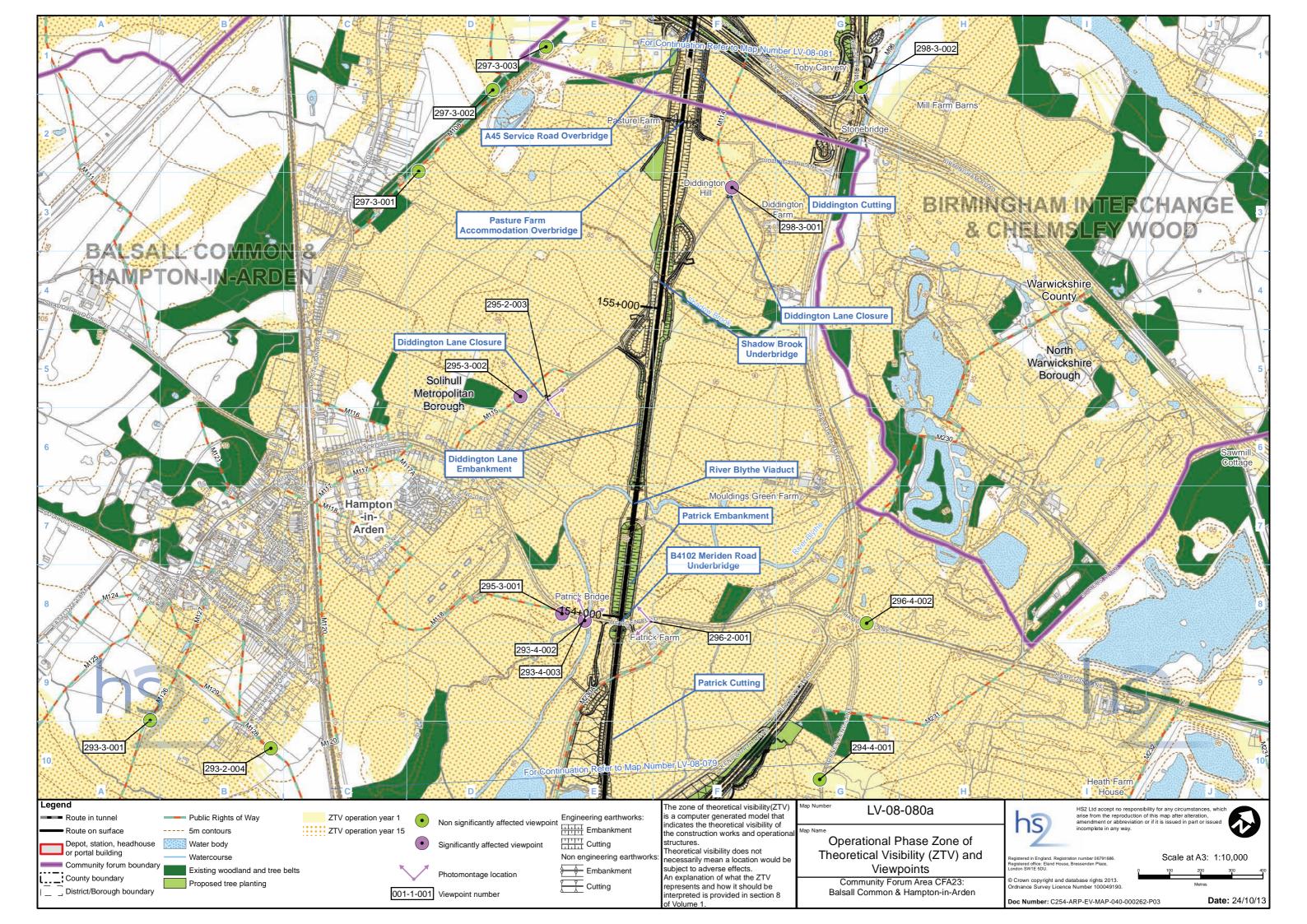














LONDON-WEST MIDLANDS ENVIRONMENTAL STATEMENT

CFA24 | Birmingham Interchange and Chelmsley Wood

LV-01 - Photomontages

LV-02 - Landscape Character Areas

LV-o7 - Construction Phase Zone Of Theoretical Visibility (ZTV) & Viewpoints

LV-o8 - Operational Phase Zone Of Theoretical Visibility (ZTV) & Viewpoints



Operation Year 1 (2026) - Winter verifiable photomontage



Technical Information
Location: Viewpoint 300-3-001: Long view south-west across
Church Farm farmland from PRoW M96.

Date taken: 13/03/13 Time taken: 08:28 Focal length: 57.296mm

Viewpoint location shown on Map LV-04-081. For key plan legend refer to map series LV-04.

This verifiable photomontage provides an illustration of how the Proposed Scheme may look in 2026 (the opening year). The design of the Proposed Scheme may be subject to design development in response to consultation. Design development will not result in any significant adverse change in the environmental effects detailed in the photomontages of the Proposed Scheme. Where new planting is proposed, it has been shown as immature plants which would mature over time to further integrate the Proposed Scheme into the landscape.

Verifiable Photomontage Operation Year 1 (2026) - Winter Viewpoint 300-3-001

Community Forum Area CFA24: Birmingham Interchange and Chelmley Wood

LV-01-170

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Operation Year 1 (2026) - Winter verifiable photomontage



Technical InformationLocation: Viewpoint 302-4-002: View south-west across farmland from the A452 Chester Road.

Date taken: 30/01/13 Time taken: 09:08 Focal length: 57.296mm

Viewpoint location shown on Map LV-04-081. For key plan legend refer to map series LV-04.

This verifiable photomontage provides an illustration of how the Proposed Scheme may look in 2026 (the opening year). The design of the Proposed Scheme may be subject to design development in response to consultation. Design development will not result in any significant adverse change in the environmental effects detailed in the photomontages of the Proposed Scheme. Where new planting is proposed, it has been shown as immature plants which would mature over time to further integrate the Proposed Scheme into the landscape.

LV-01-171

Verifiable Photomontage Operation Year 1 (2026) - Winter Viewpoint 302-4-002

Community Forum Area CFA24: Birmingham Interchange and Chelmley Wood

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Operation Year 1 (2026) - Winter verifiable photomontage



Technical Information
Location: Viewpoint 305-2-006: View east across Bluebell recreation ground from residences on Bluebell Drive/Lyecroft

Avenue.
Date taken: 13/03/13 Time taken: 16:58 Focal length: 57.296mm

Viewpoint location shown on Map LV-04-082a. For key plan legend refer to map series LV-04.

This verifiable photomontage provides an illustration of how the Proposed Scheme may look in 2026 (the opening year). The design of the Proposed Scheme may be subject to design development in response to consultation. Design development will not result in any significant adverse change in the environmental effects detailed in the photomontages of the Proposed Scheme. Where new planting is proposed, it has been shown as immature plants which would mature over time to further integrate the Proposed Scheme into the landscape.



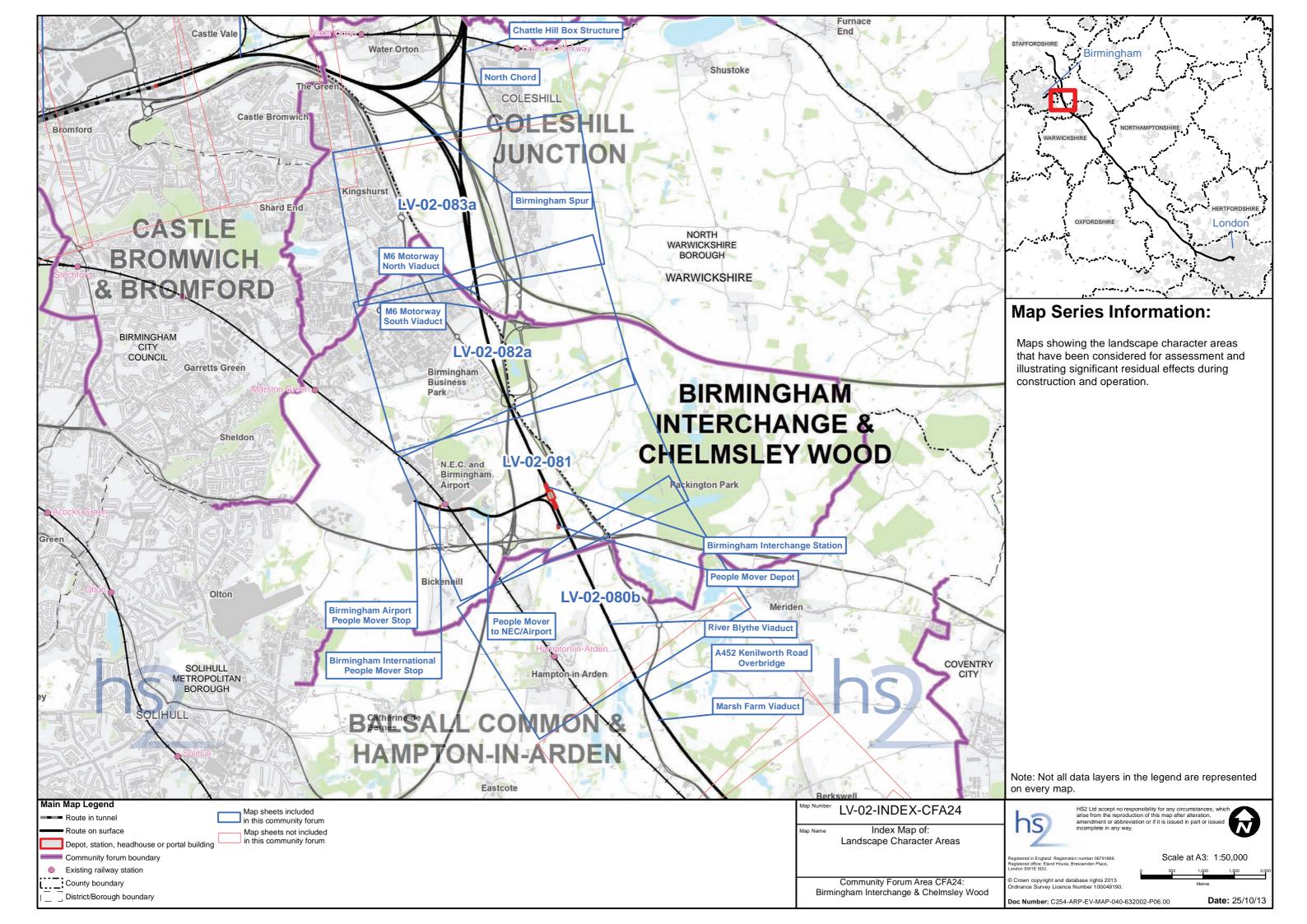
LV-01-172

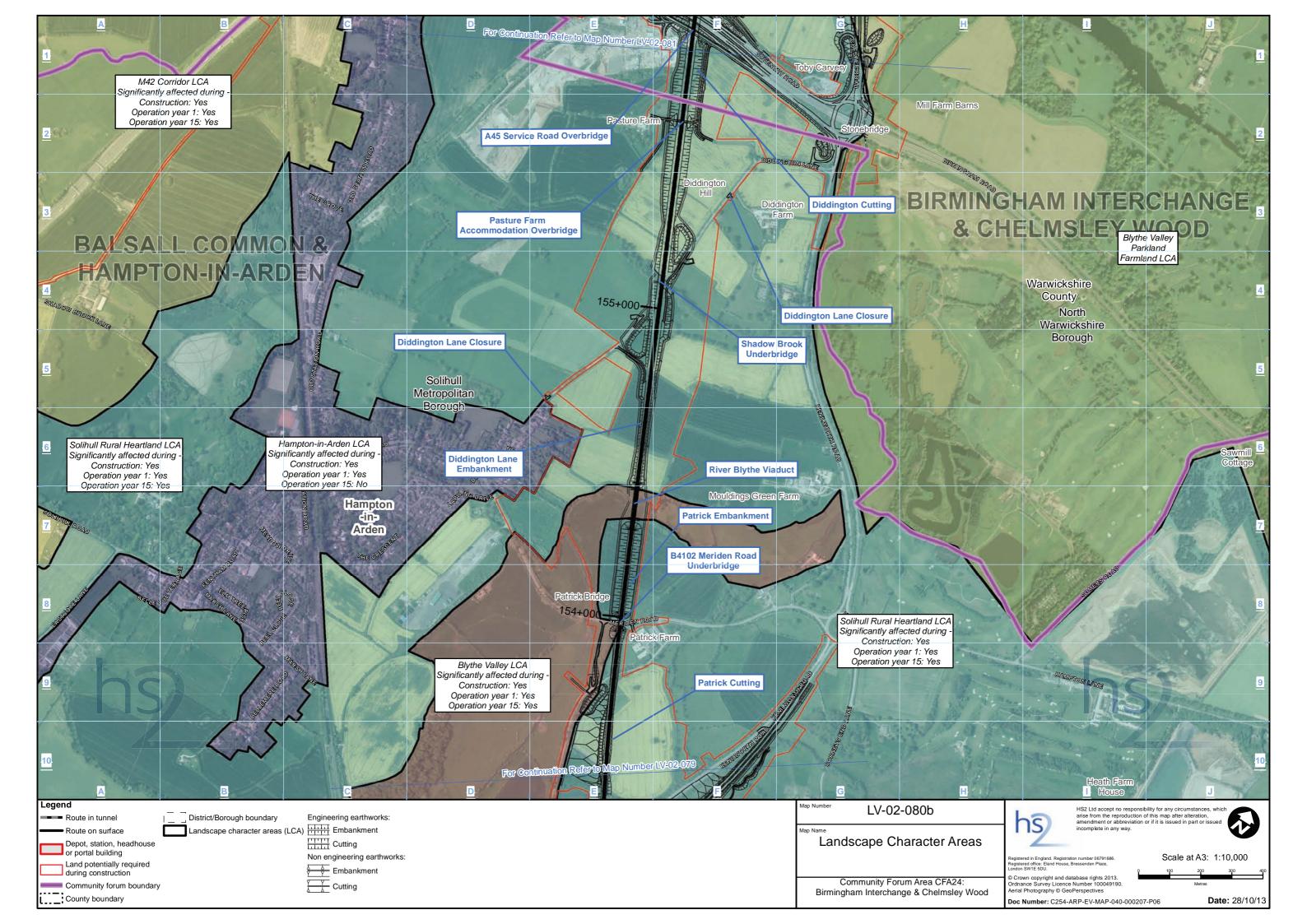
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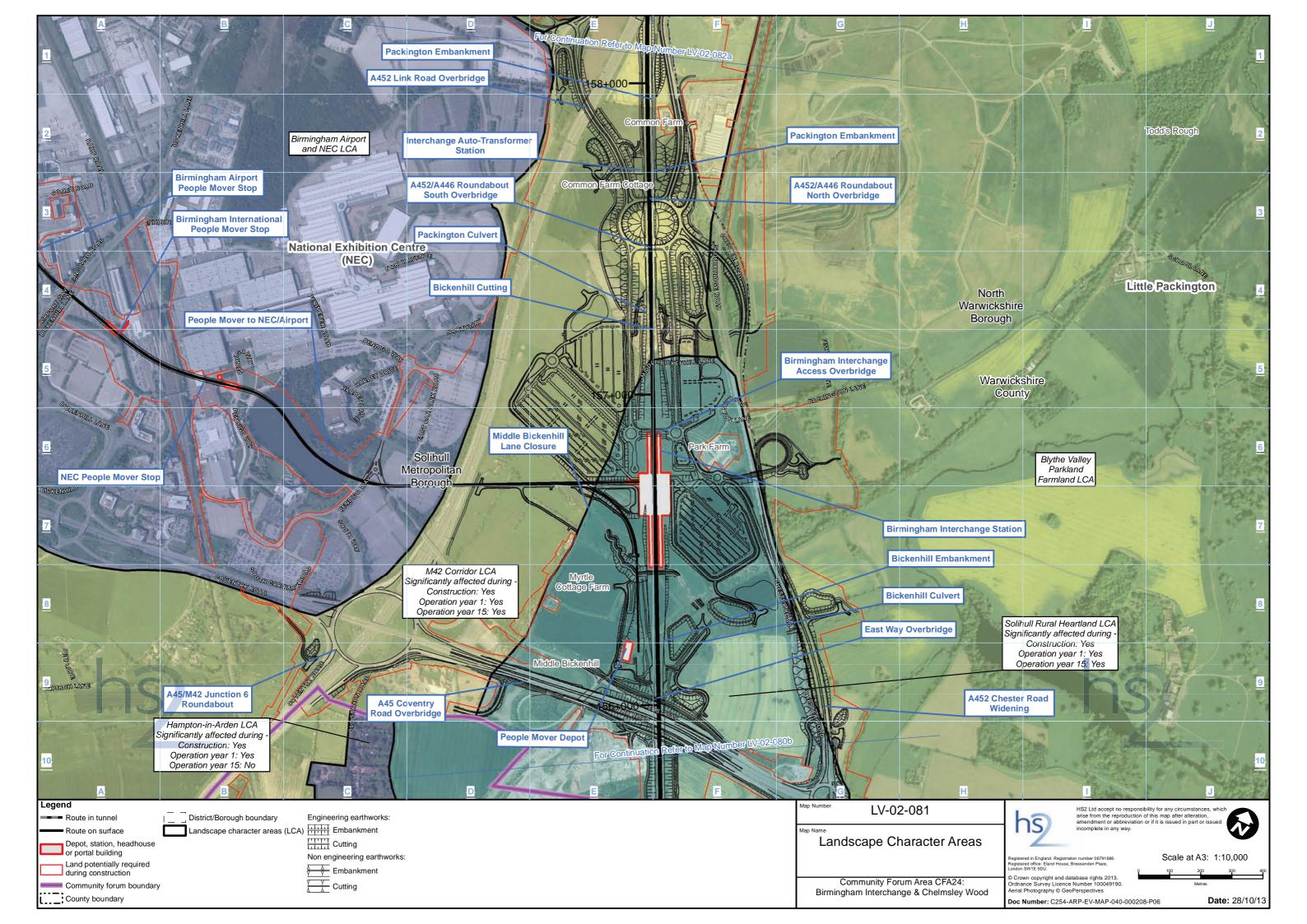
Community Forum Area CFA24: Birmingham Interchange and Chelmley Wood

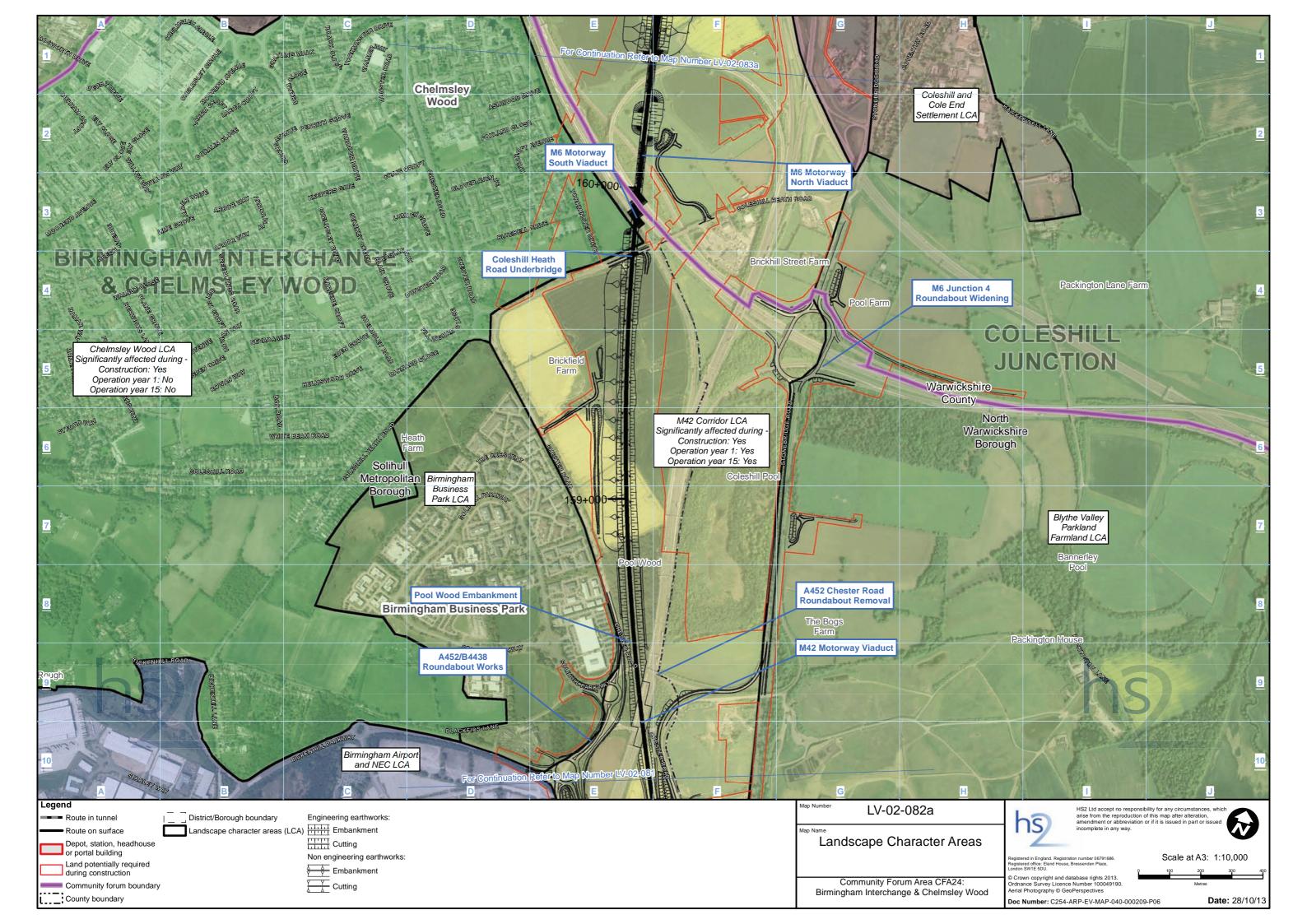
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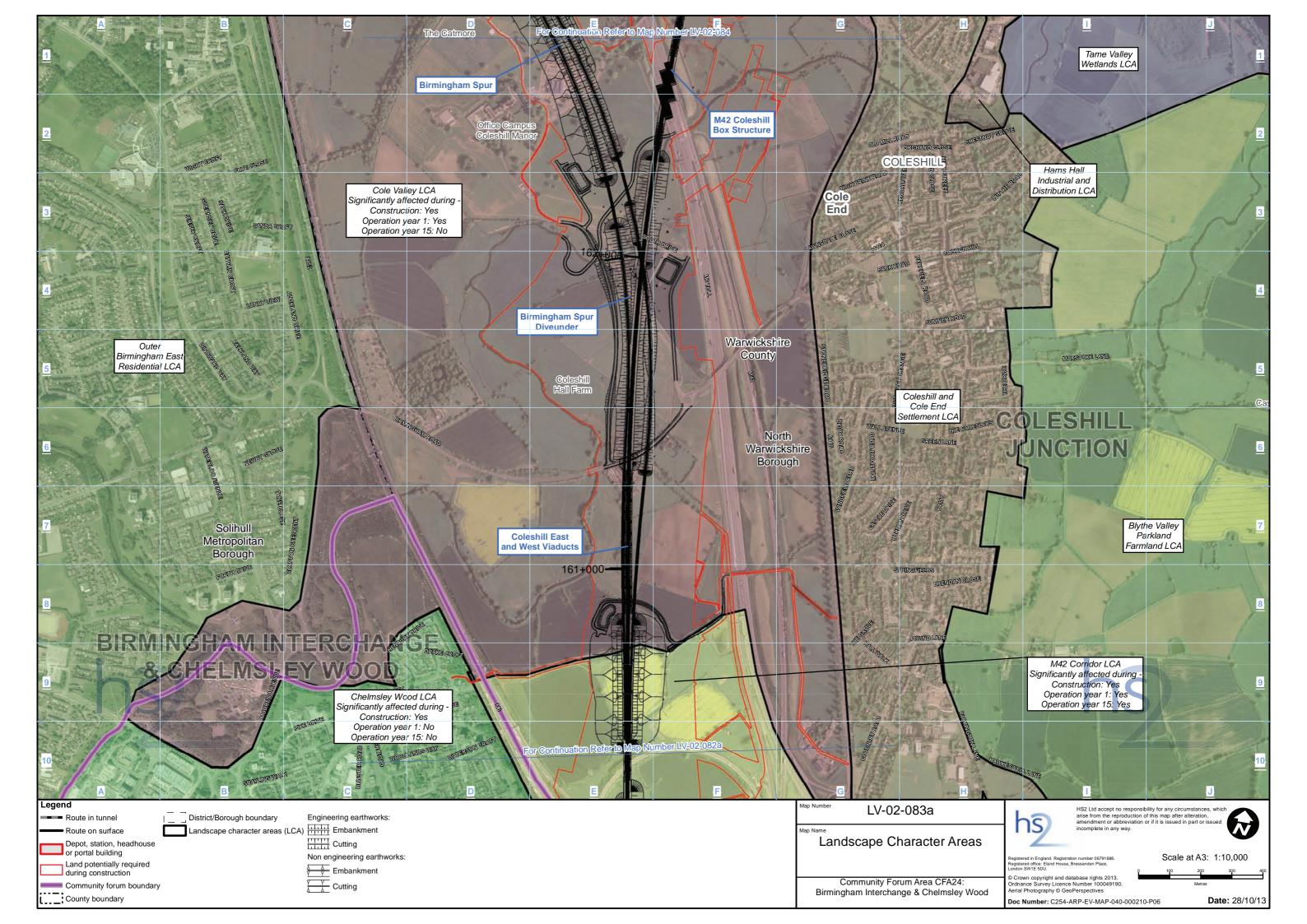
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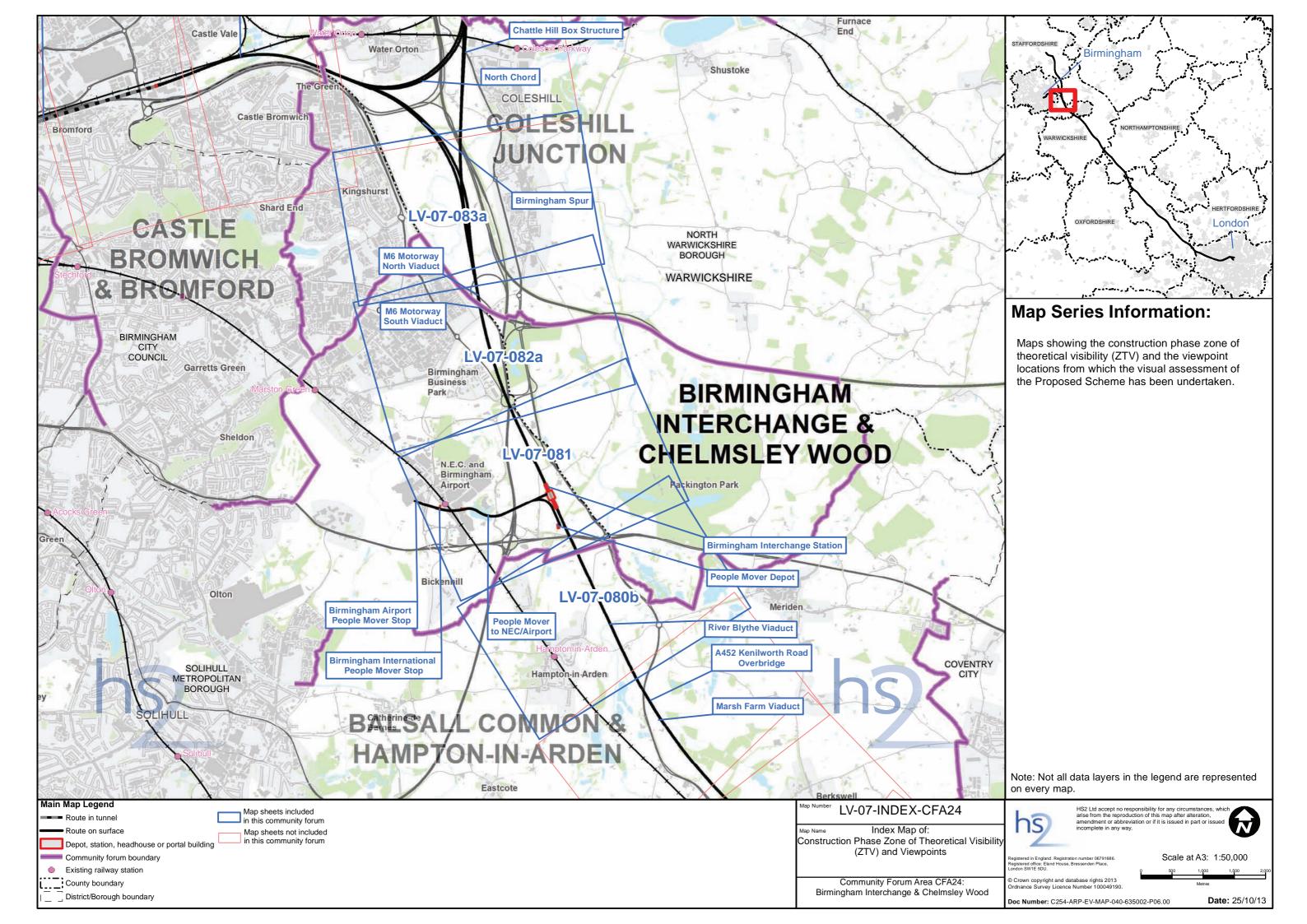


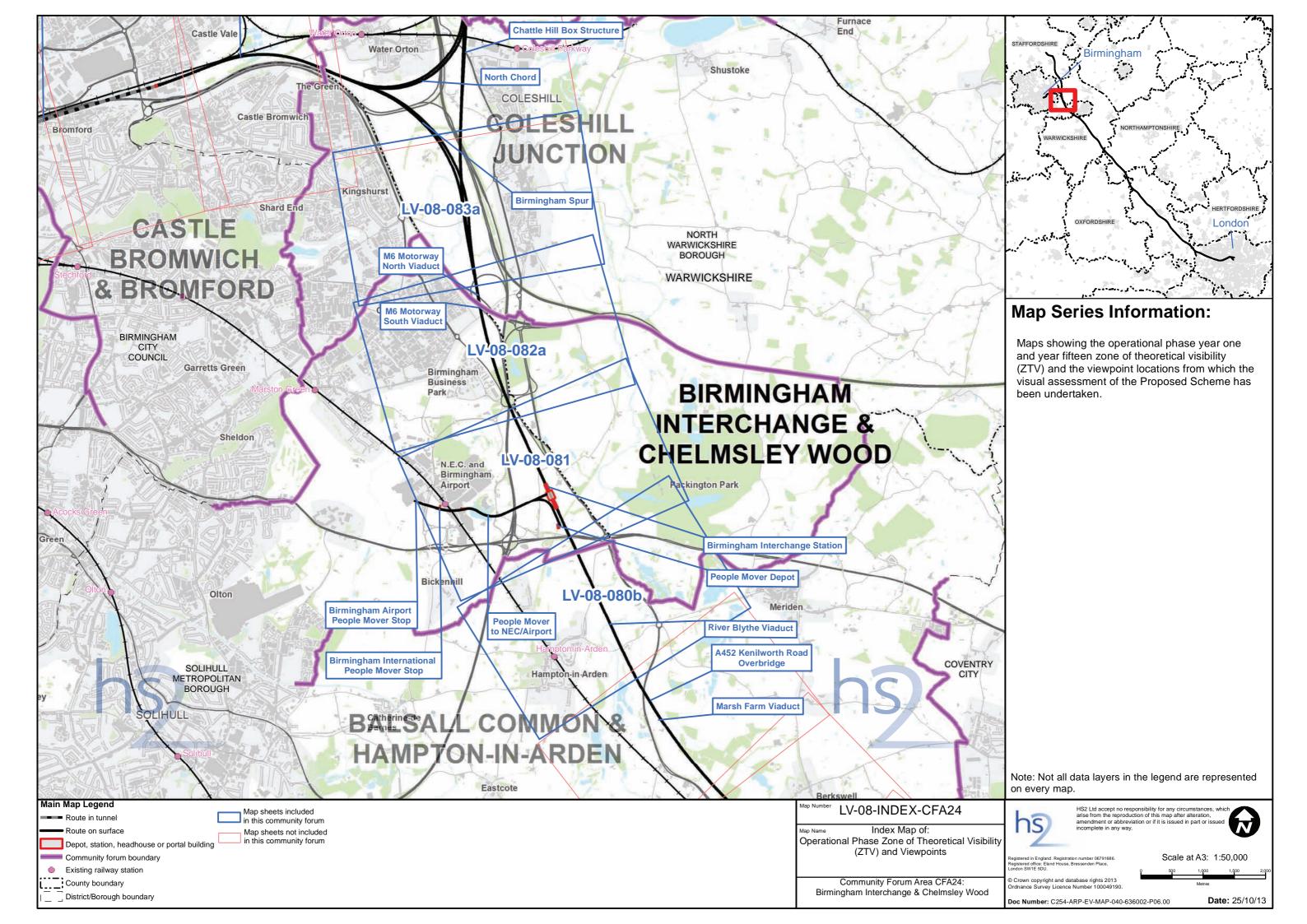


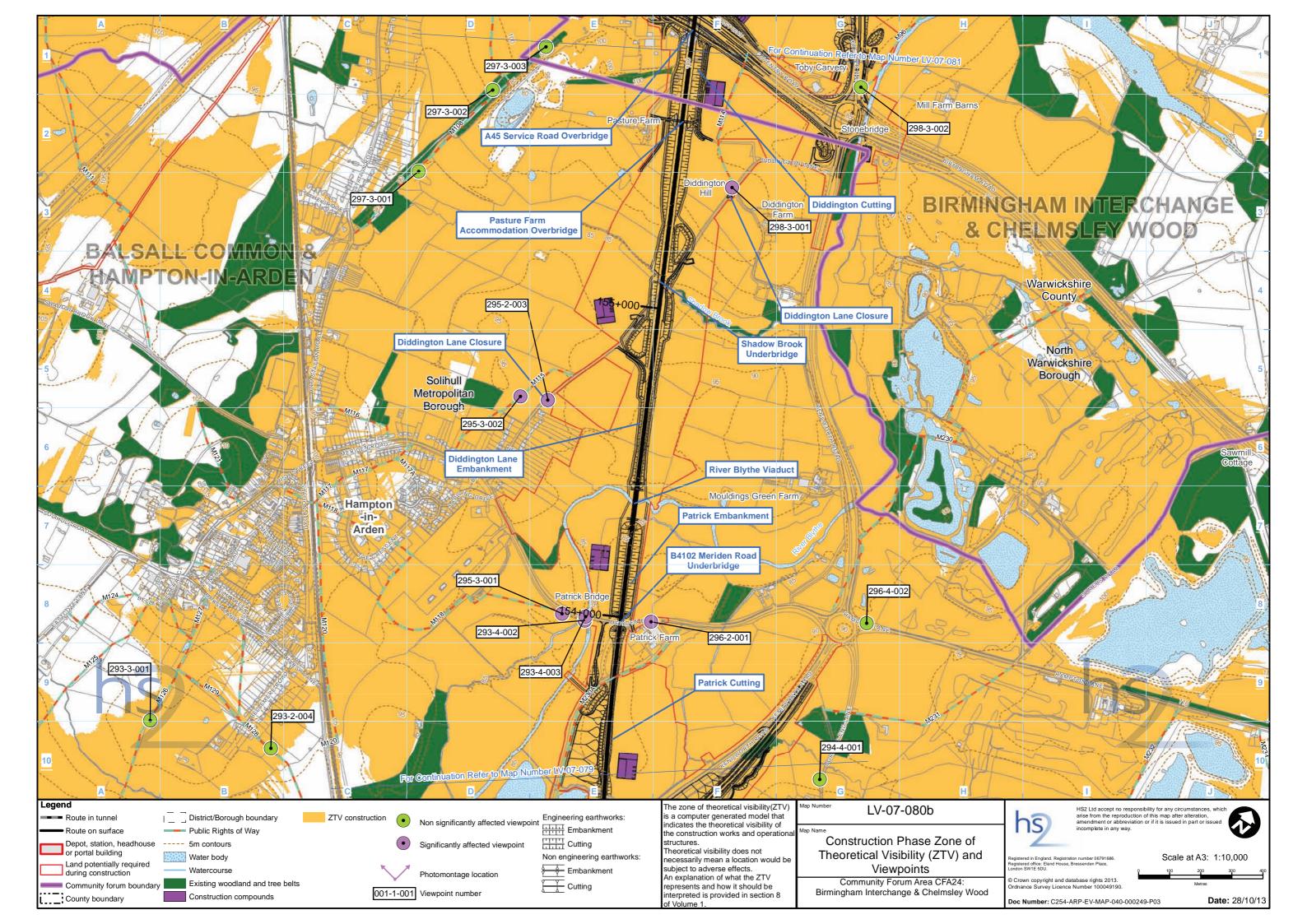


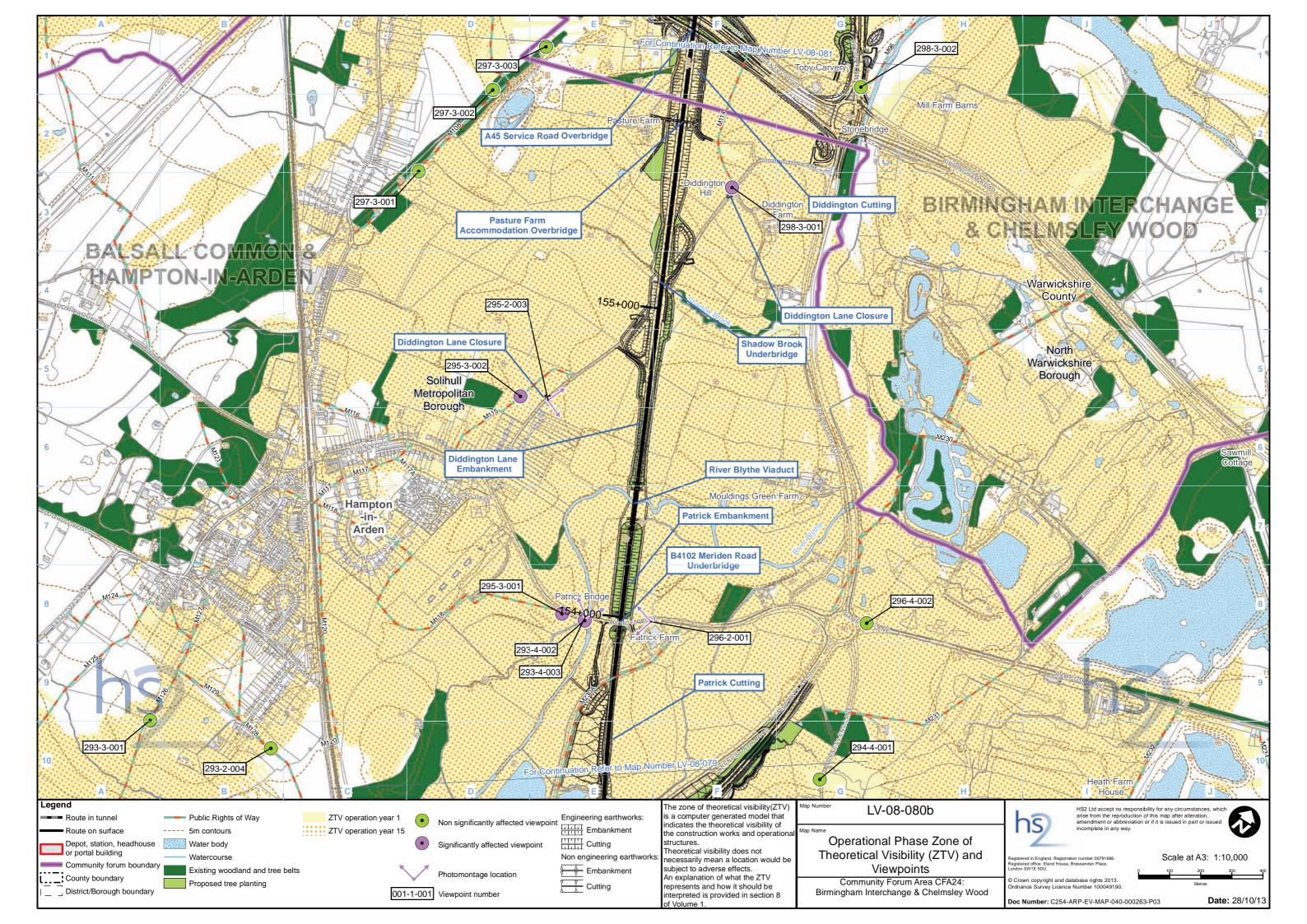


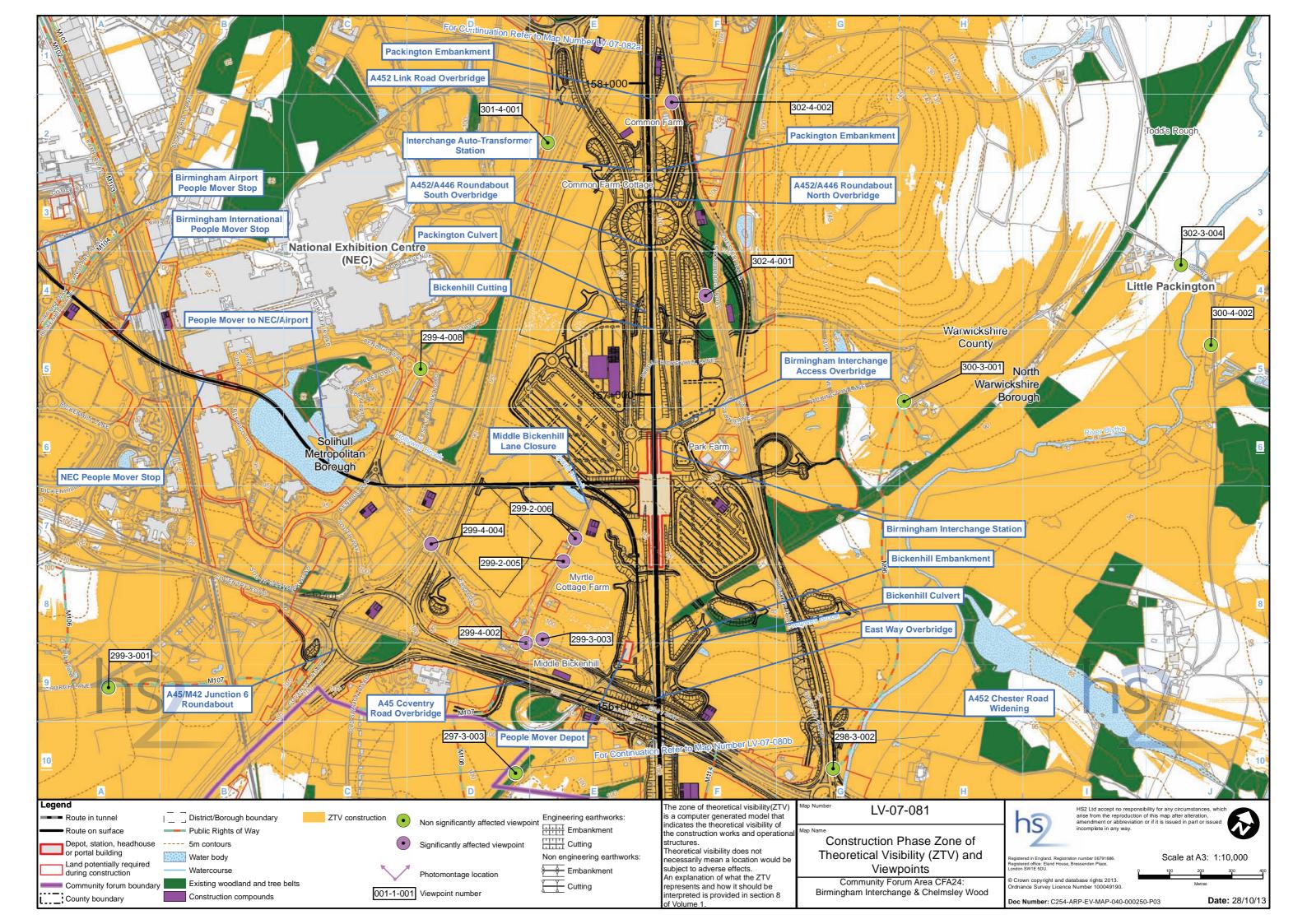


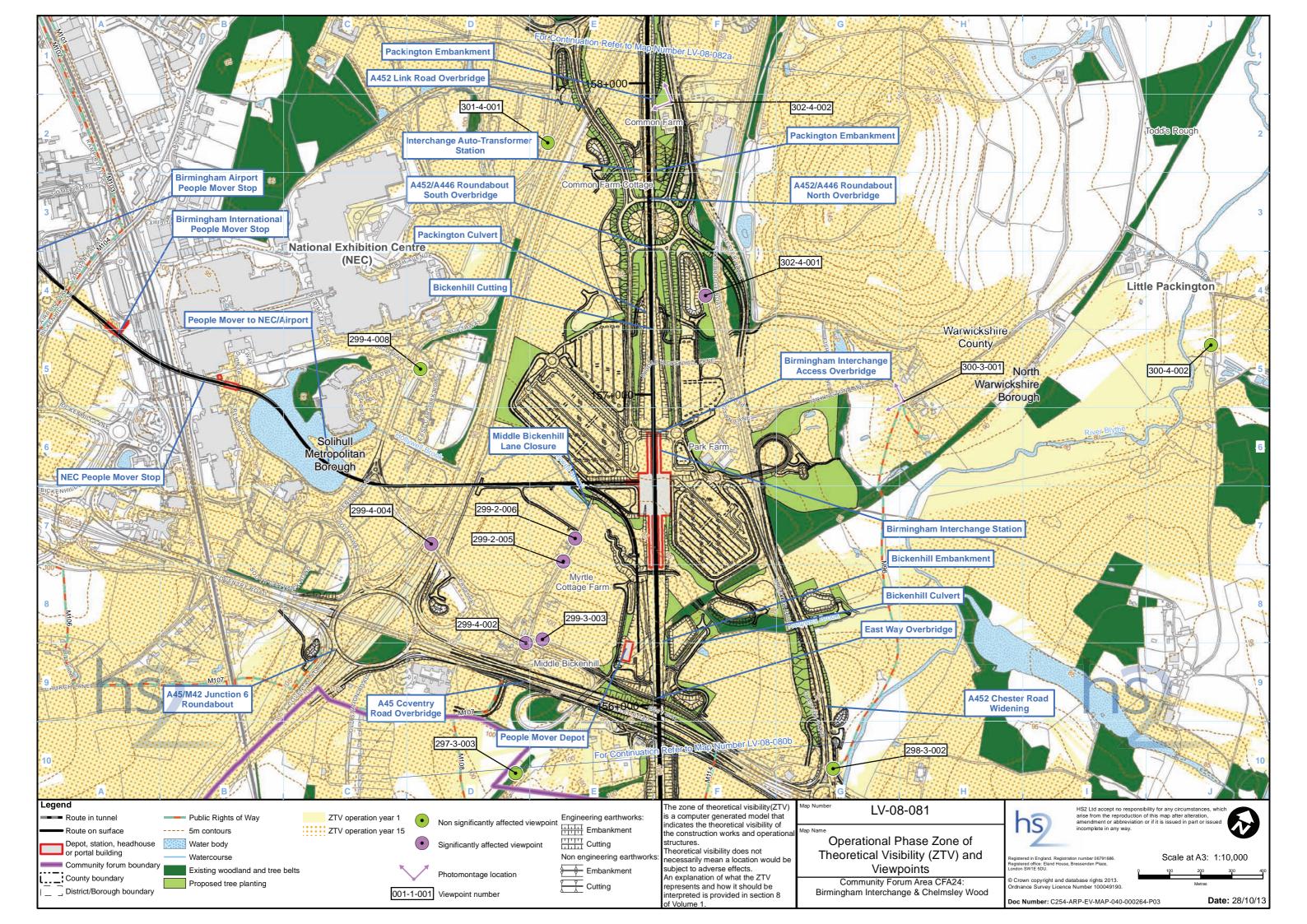


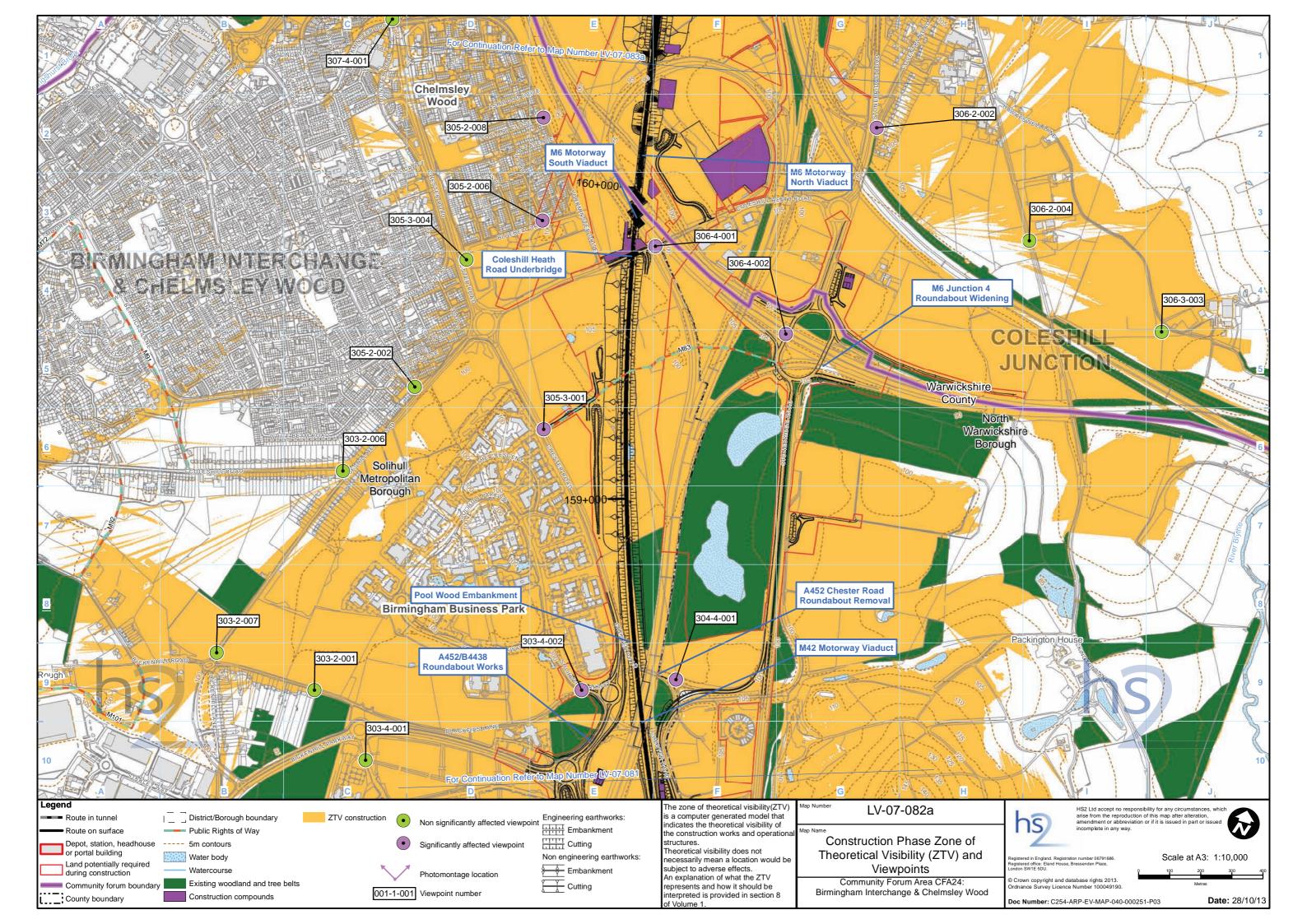


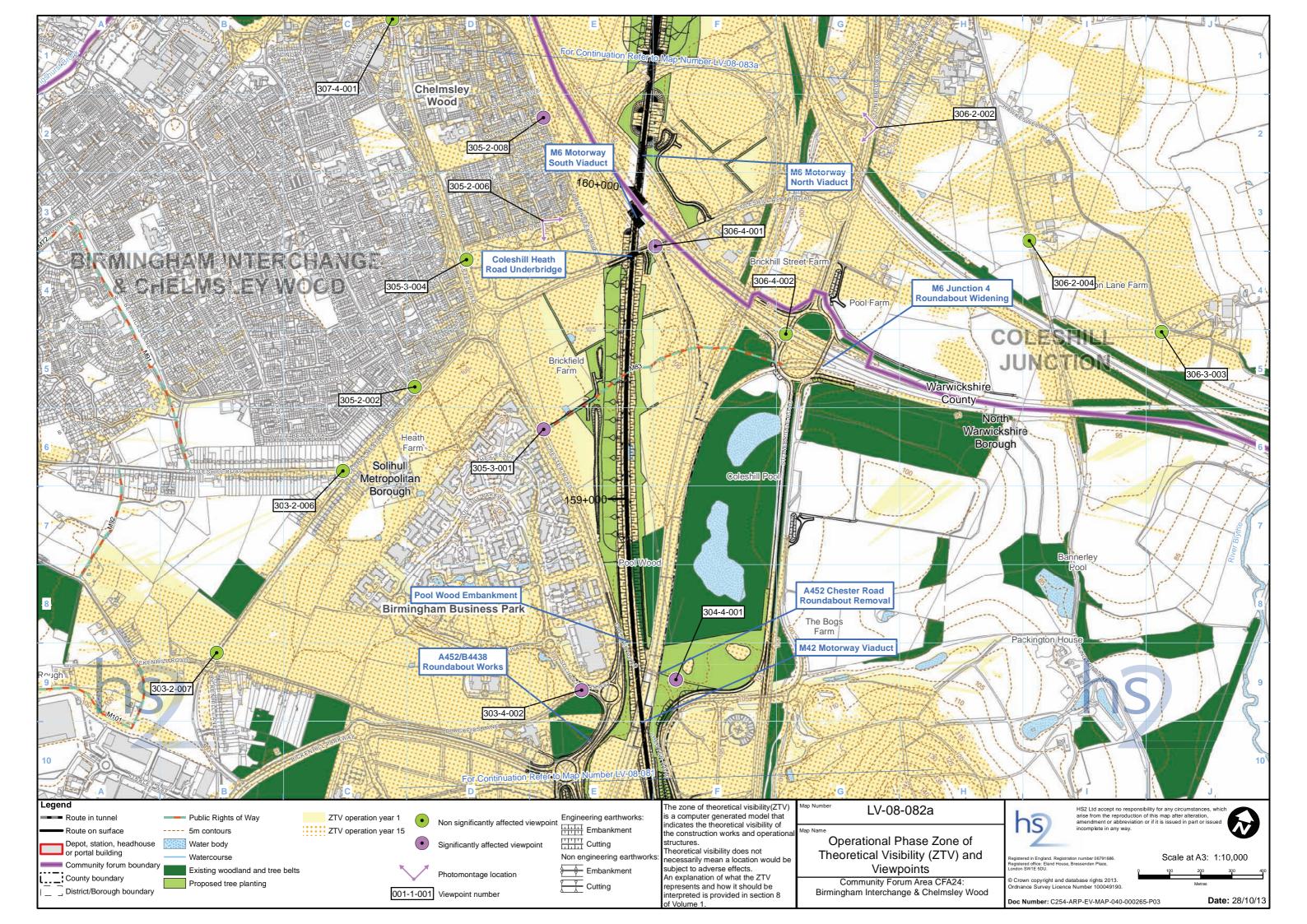


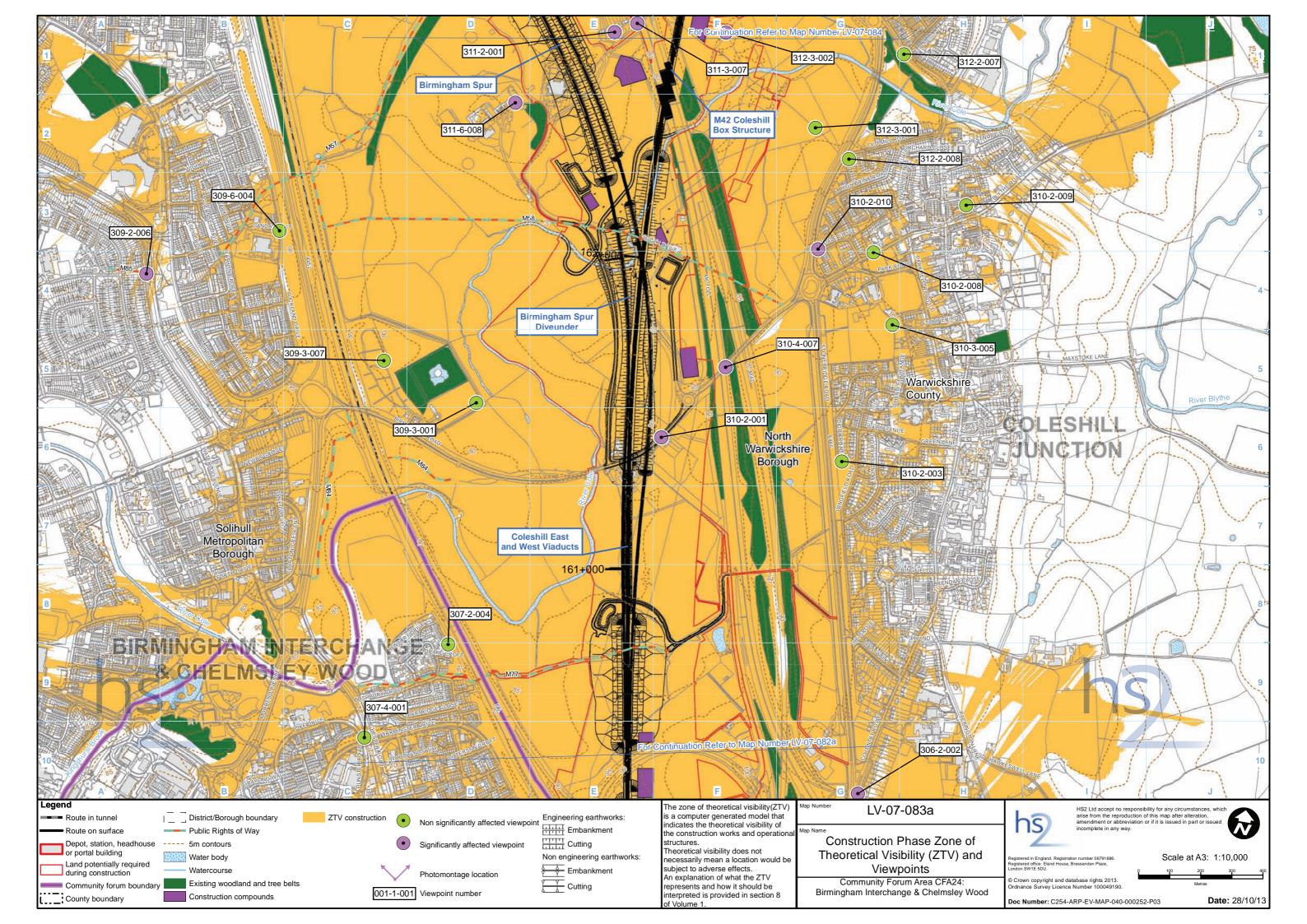


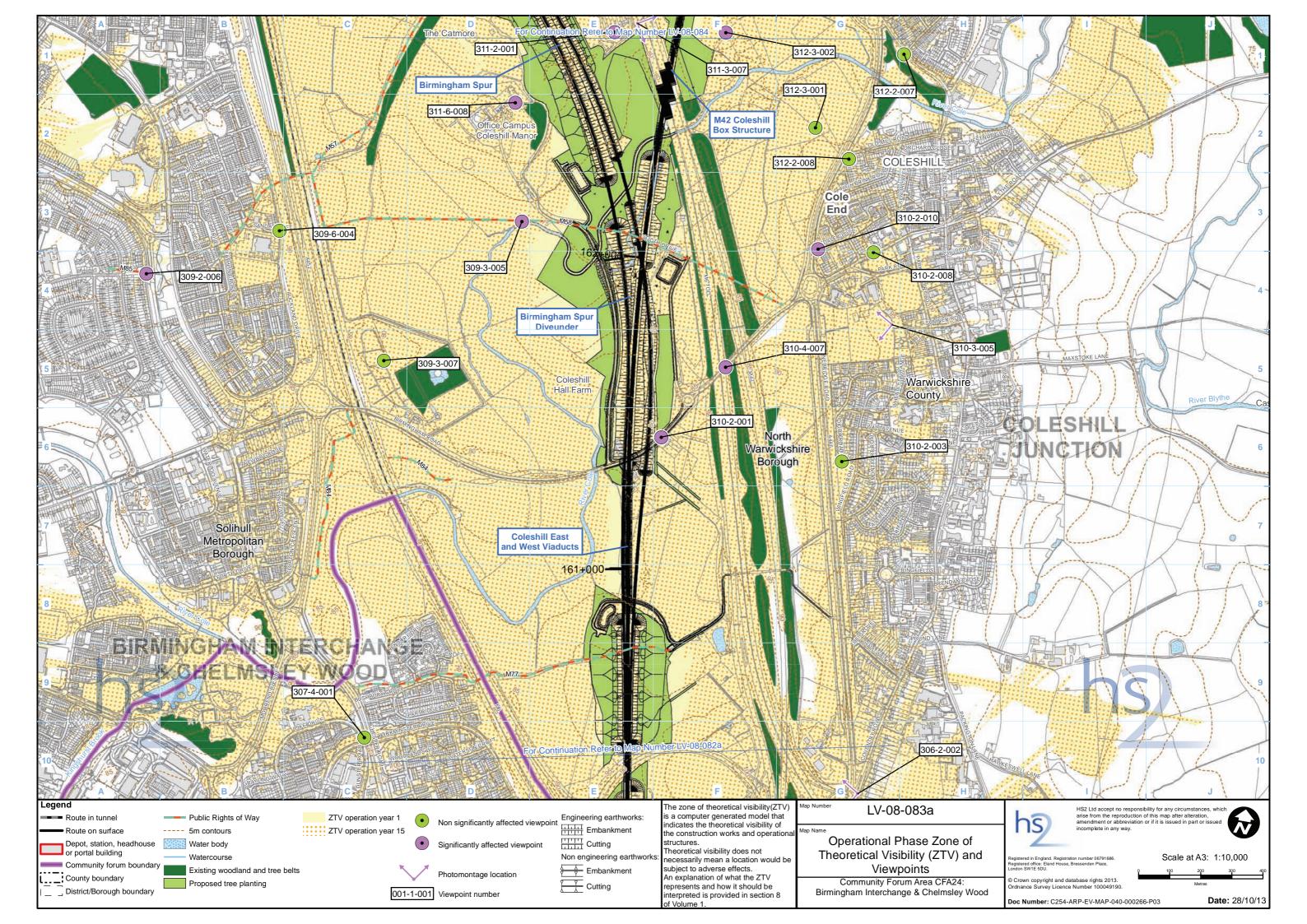














LONDON-WEST MIDLANDS ENVIRONMENTAL STATEMENT

CFA25 | Castle Bromwich and Bromford

LV-01 - Photomontages

LV-02 - Landscape Character Areas

LV-o7 - Construction Phase Zone Of Theoretical Visibility (ZTV) & Viewpoints

LV-o8 - Operational Phase Zone Of Theoretical Visibility (ZTV) & Viewpoints



Operation Year 1 (2026) - Winter verifiable photomontage



Technical InformationLocation: Viewpoint 371-2-001: View west from the B4118 Water Orton Road/Birmingham Road.

Date taken: 13/03/13 Time taken: 13:31 Focal length: 57.296mm

Viewpoint location shown on Map LV-04-098b. For key plan legend refer to map series LV-04.

This verifiable photomontage provides an illustration of how the Proposed Scheme may look in 2026 (the opening year). The design of the Proposed Scheme may be subject to design development in response to consultation. Design development will not result in any significant adverse change in the environmental effects detailed in the photomontages of the Proposed Scheme. Where new planting is proposed, it has been shown as immature plants which would mature over time to further integrate the Proposed Scheme into the landscape.

Verifiable Photomontage Operation Year 1 (2026) - Winter Viewpoint 371-2-001

> Community Forum Area CFA25: Castle Bromwich and Bromford



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Operation Year 1 (2026) - Winter verifiable photomontage



Technical Information
Location: Viewpoint 373-2-004: View south-east from Farnborough Road near Rawlins Croft.

Date taken: 19/09/12 Time taken: 12:44 Focal length: 57.296mm

Viewpoint location shown on Map LV-04-098b. For key plan legend refer to map series LV-04.

This verifiable photomontage provides an illustration of how the Proposed Scheme may look in 2026 (the opening year). The design of the Proposed Scheme may be subject to design development in response to consultation. Design development will not result in any significant adverse change in the environmental effects detailed in the photomontages of the Proposed Scheme. Where new planting is proposed, it has been shown as immature plants which would mature over time to further integrate the Proposed Scheme into the landscape.



LV-01-174

Verifiable Photomontage Operation Year 1 (2026) - Winter Viewpoint 373-2-004

> Community Forum Area CFA25: Castle Bromwich and Bromford

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Operation Year 1 (2026) - Winter verifiable photomontage



Technical InformationLocation: Viewpoint 373-3-001: View south from Castle Vale Nature Conservation Area (Farnborough Fields).

Date taken: 13/03/13 Time taken: 16:31 Focal length: 57.296mm

Viewpoint location shown on Map LV-04-098b. For key plan legend refer to map series LV-04.

This verifiable photomontage provides an illustration of how the Proposed Scheme may look in 2026 (the opening year). The design of the Proposed Scheme may be subject to design development in response to consultation. Design development will not result in any significant adverse change in the environmental effects detailed in the photomontages of the Proposed Scheme. Where new planting is proposed, it has been shown as immature plants which would mature over time to further integrate the Proposed Scheme into the landscape.

Verifiable Photomontage Operation Year 1 (2026) - Winter Viewpoint 373-3-001

> Community Forum Area CFA25: Castle Bromwich and Bromford

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Doc Number: C250-ARP-EV-PHO-000-001174-P01

Date: 30/09/13



Peak construction phase - Winter verifiable photomontage



Technical InformationLocation: Viewpoint 373-3-001: View south from Castle Vale nature conservation area (Farnborough Fields).

Date taken: 13/03/13 Time taken: 16:31 Focal length: 57.296mm

Viewpoint location shown on Map LV-03-098b. For key plan legend refer to map series LV-03.

This verifiable photomontage provides an illustration of how the Proposed Scheme may look during the peak construction phase for this part of the route. The construction methods and siting of construction activities may be subject to change in response to consultation and ongoing design. The extent of land required temporarily to construct the scheme will not extend beyond that shown in the photomontage. Changes in the construction of the Proposed Scheme will not result in any significant adverse change in the environmental effects detailed in the photomontages of the Proposed Scheme.

Verifiable Photomontage Peak construction phase - Winter Viewpoint 373-3-001

> Community Forum Area CFA25: Castle Bromwich and Bromford

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Date: 28/10/13



Operation Year 15 (2041) - Summer verifiable photomontage



Technical Information Location: Viewpoint 371-2-001: View west from residences on the B4118 Water Orton Road/Birmingham

Road. Date taken: 19/09/12 Time taken: 17:17 Focal length: 57.296mm

Viewpoint location shown on Map LV-04-098b. For key plan legend refer to map series LV-04.

This verifiable photomontage provides an illustration of how the Proposed Scheme may look in 2041 (15 years after opening). The design of the Proposed Scheme may be subject to design development in response to consultation. Design development will not result in any significant adverse change in the environmental effects detailed in the photomontages of the Proposed Scheme. Where new planting is proposed, it has been shown as semi-mature trees which have put on 15 years of growth to illustrate how the Proposed Scheme will further integrate into the landscape over time.



LV-01-264

Verifiable Photomontage Operation Year 15 (2041) - Summer Viewpoint 371-2-001

> Community Forum Area CFA25: Castle Bromwich and Bromford

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Doc Number: C250-ARP-EV-PHO-000-001215-P01



Operation Year 15 (2041) - Summer verifiable photomontage



Technical Information Location: Viewpoint 373-3-001: View south from Castle Vale Nature Conservation Area (Farnborough Fields).

Date taken: 19/09/12 Time taken: 13:13 Focal length: 57.296mm

Viewpoint location shown on Map LV-04-098b. For key plan legend refer to map series LV-04.

This verifiable photomontage provides an illustration of how the Proposed Scheme may look in 2041 (15 years after opening). The design of the Proposed Scheme may be subject to design development in response to consultation. Design development will not result in any significant adverse change in the environmental effects detailed in the photomontages of the Proposed Scheme. Where new planting is proposed, it has been shown as semi-mature trees which have put on 15 years of growth to illustrate how the Proposed Scheme will further integrate into the landscape over time.

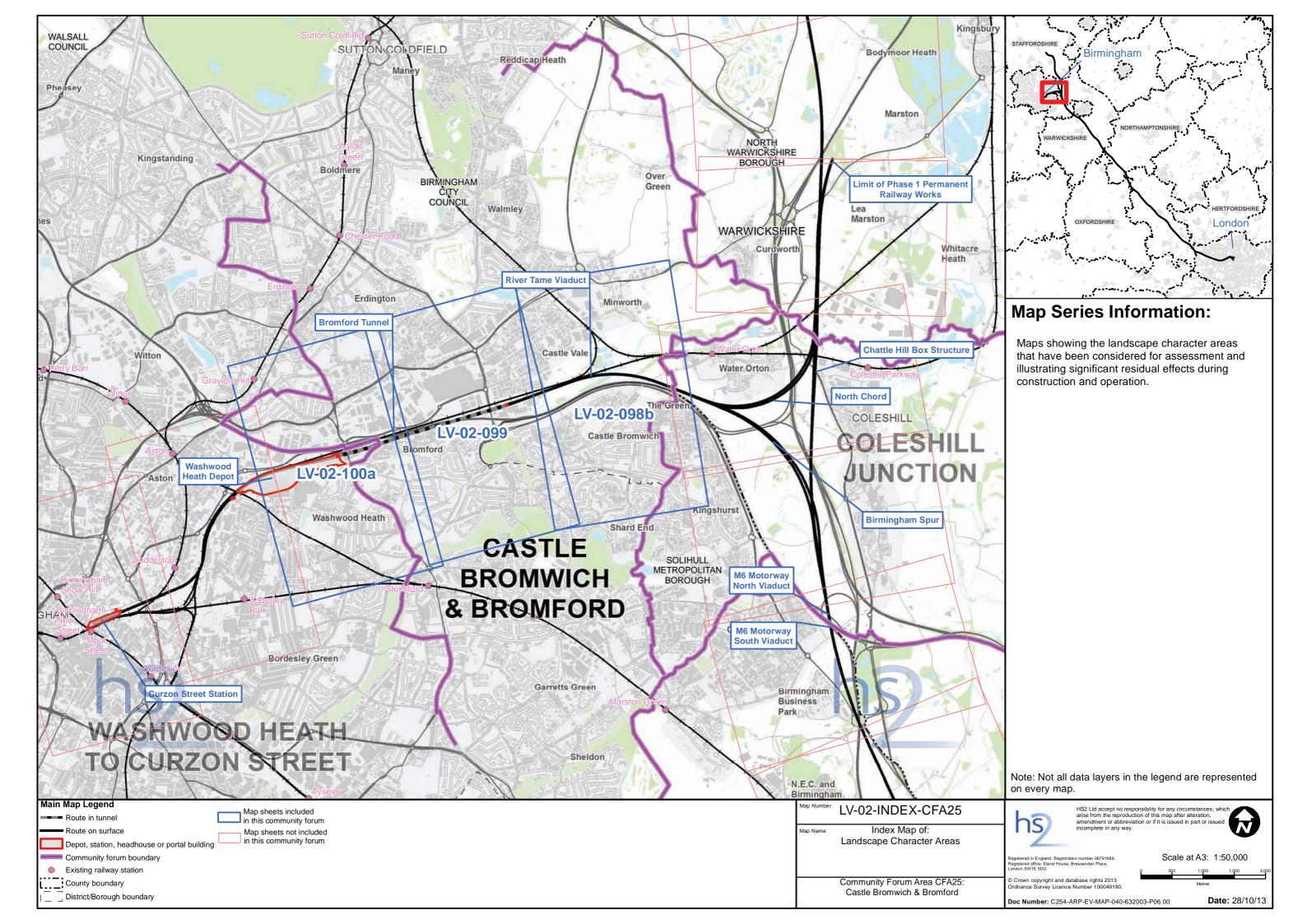
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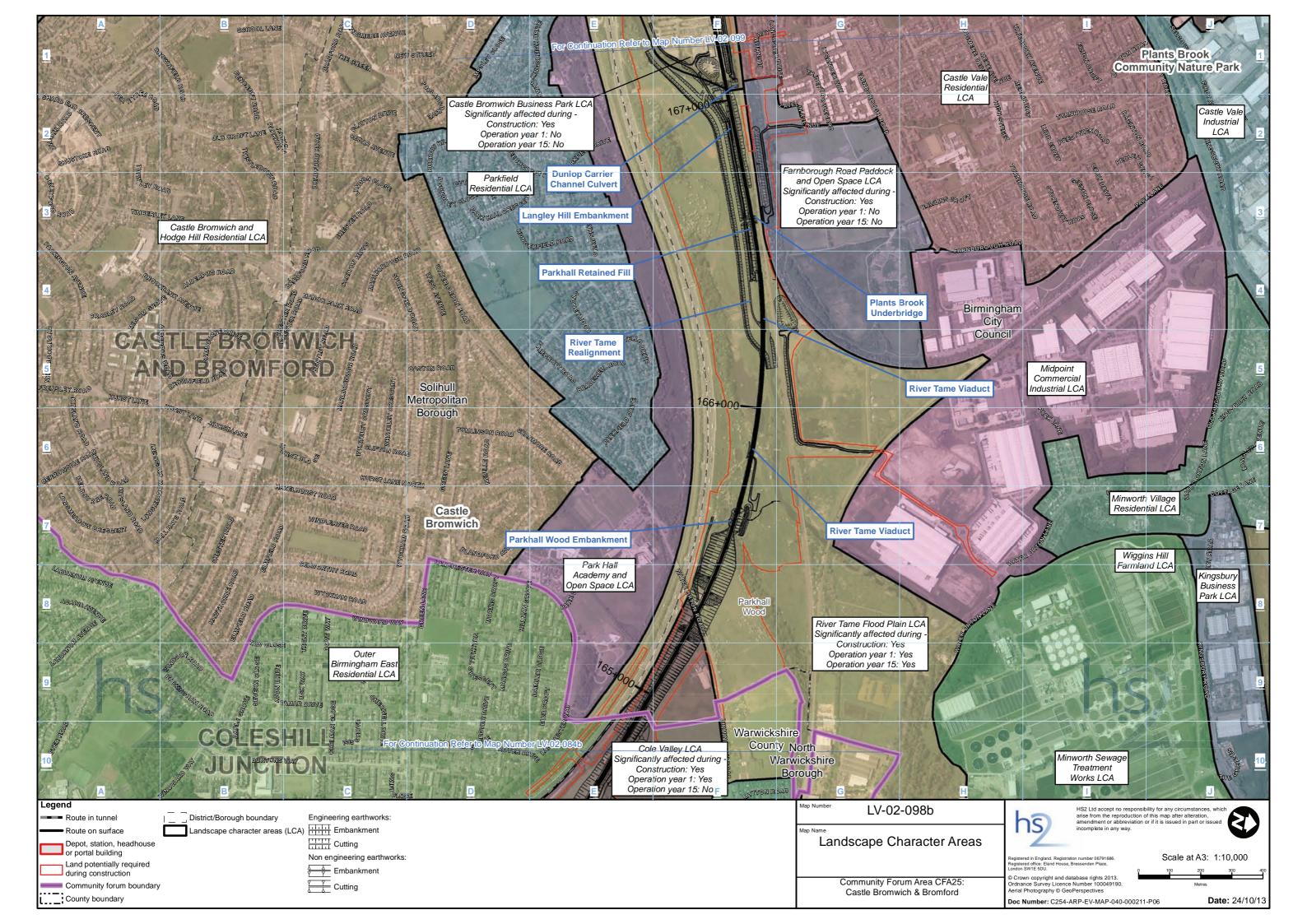
Verifiable Photomontage Operation Year 15 (2041) - Summer Viewpoint 373-3-001

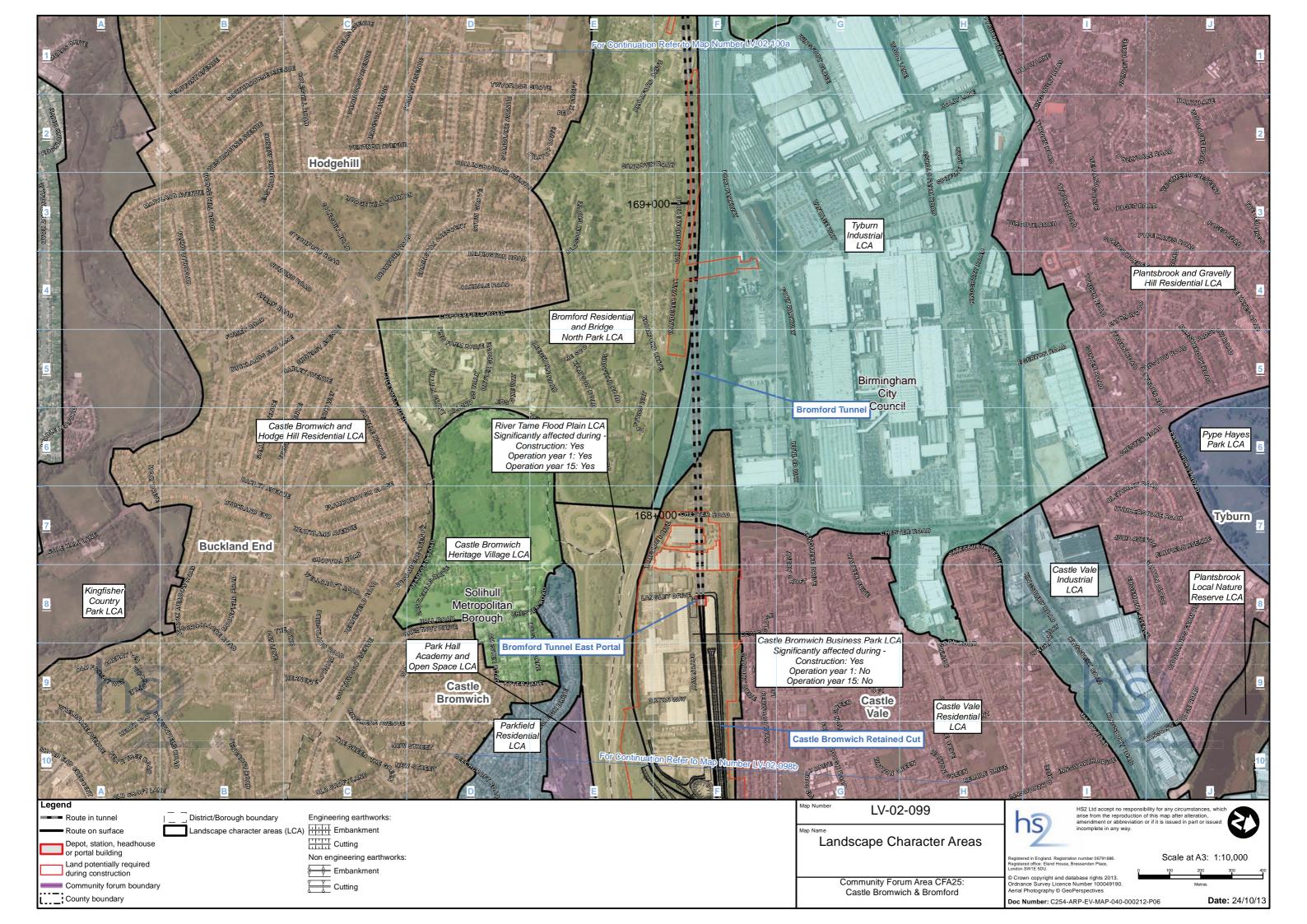
> Community Forum Area CFA25: Castle Bromwich and Bromford

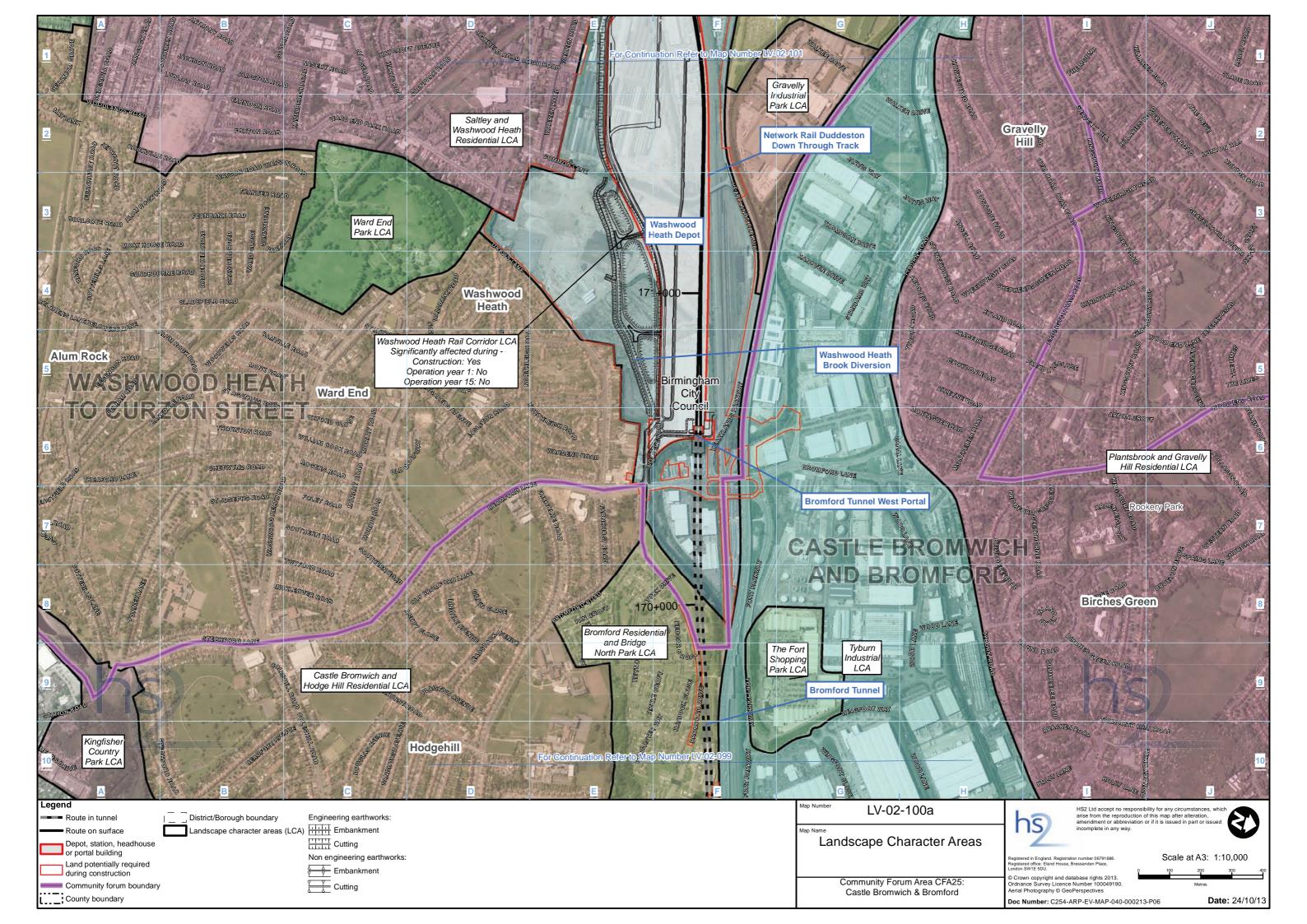
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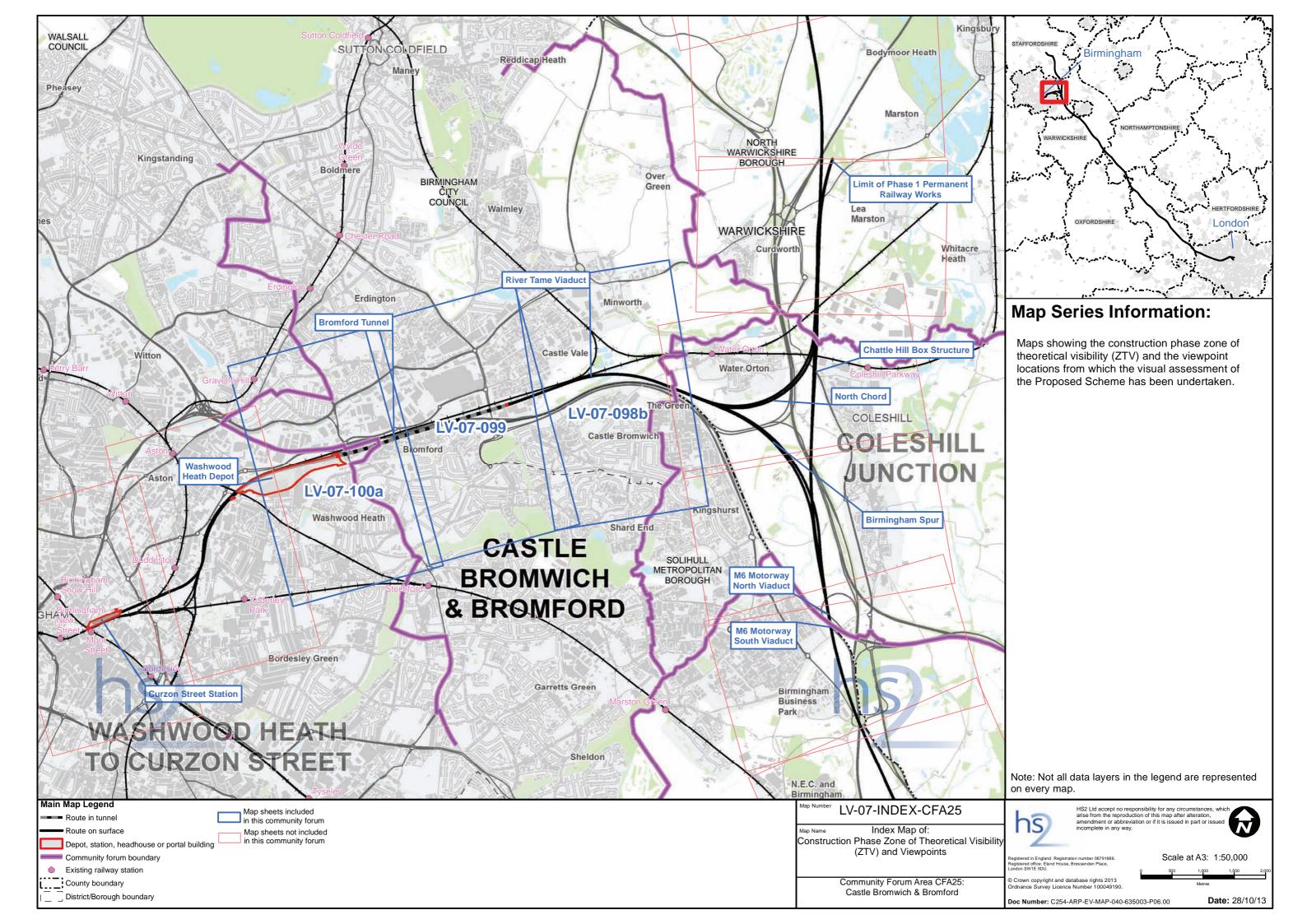
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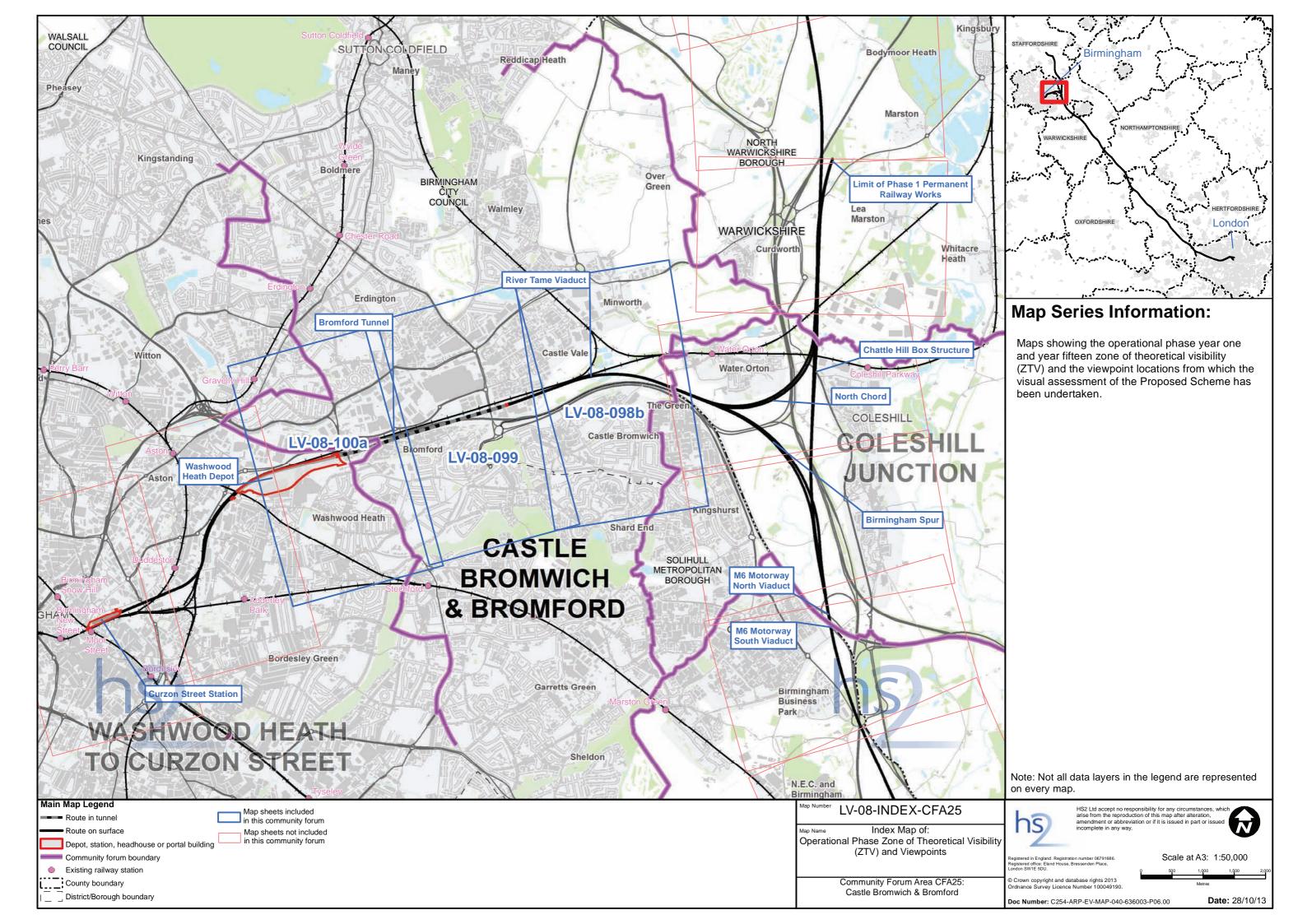


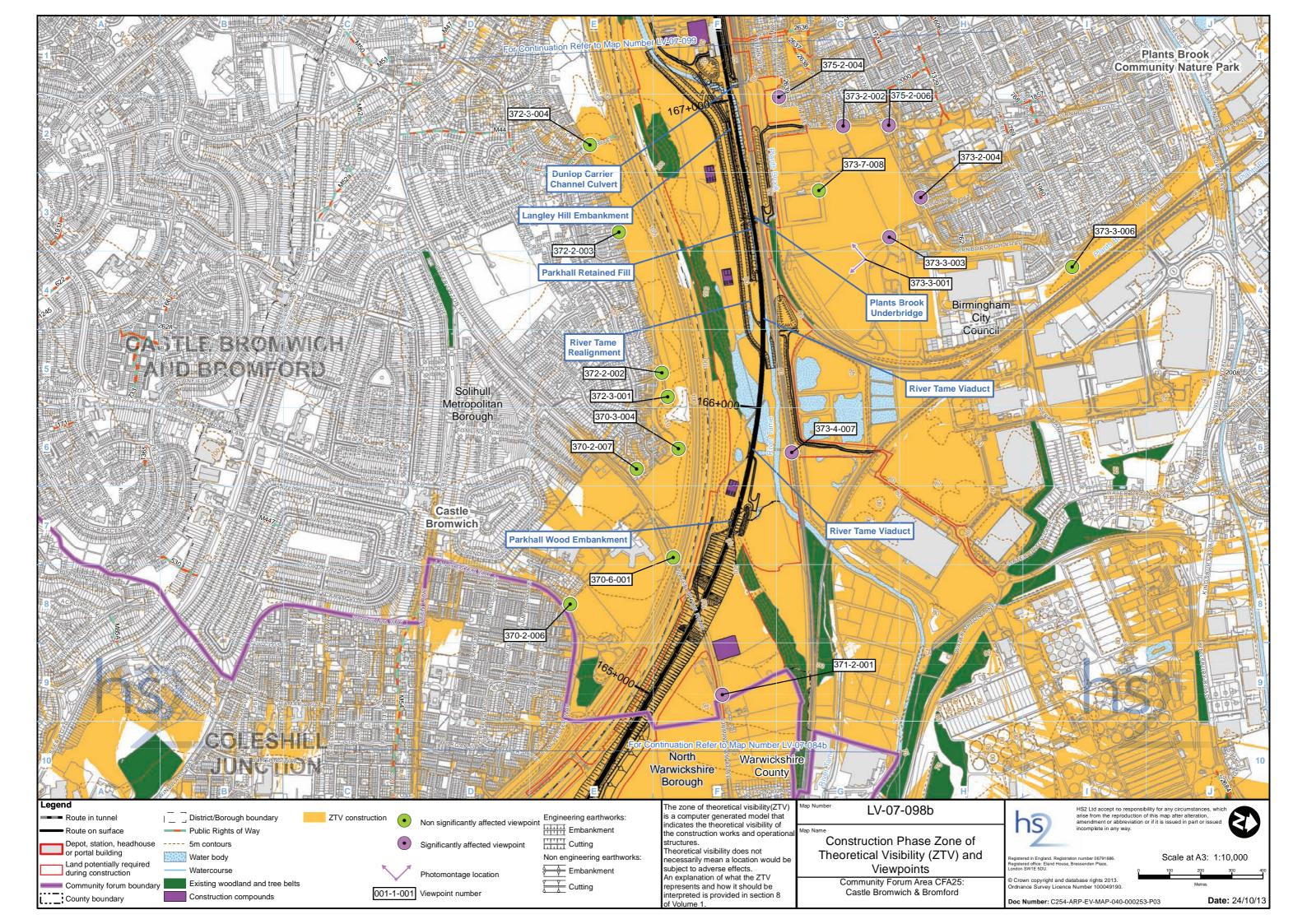


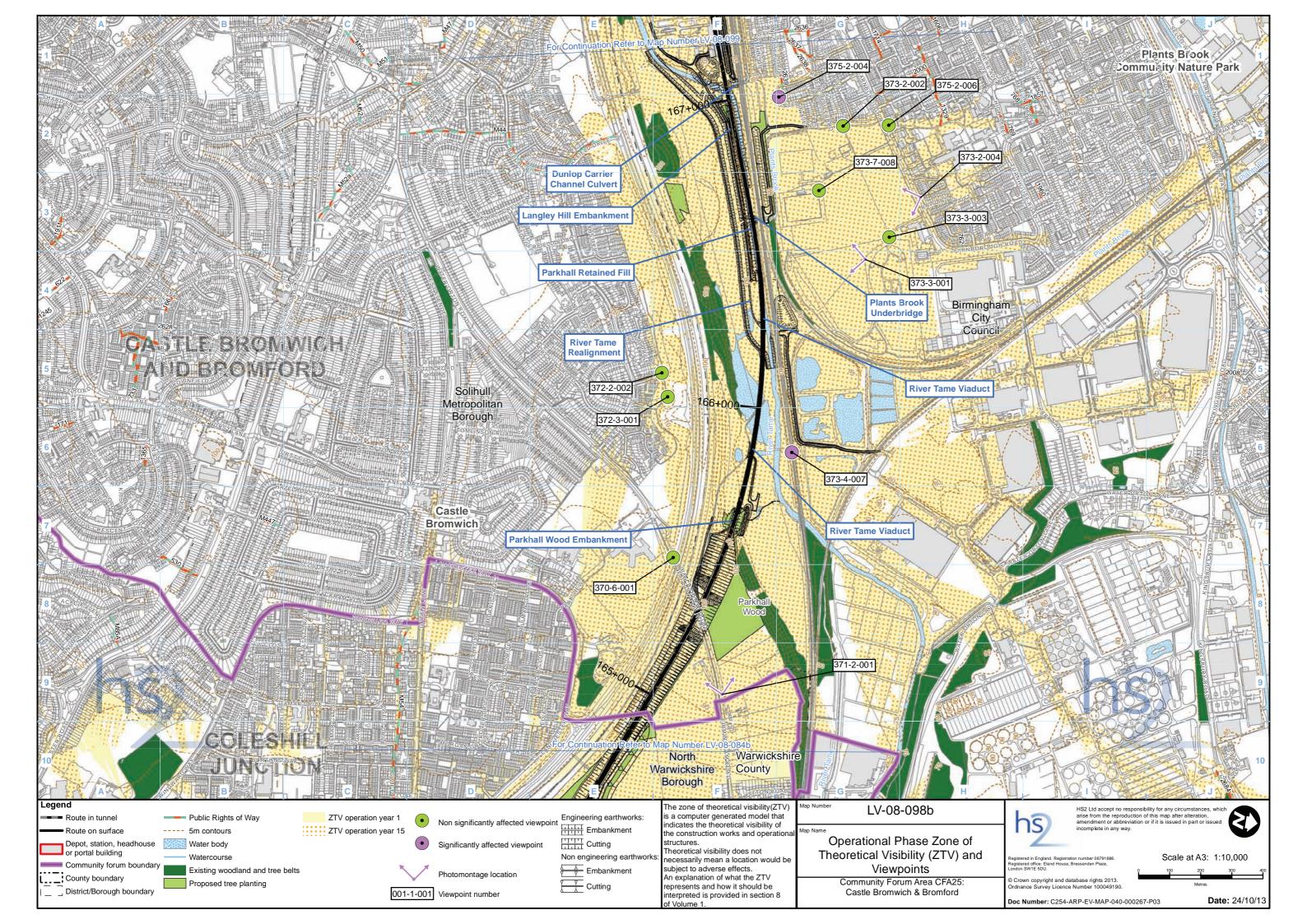


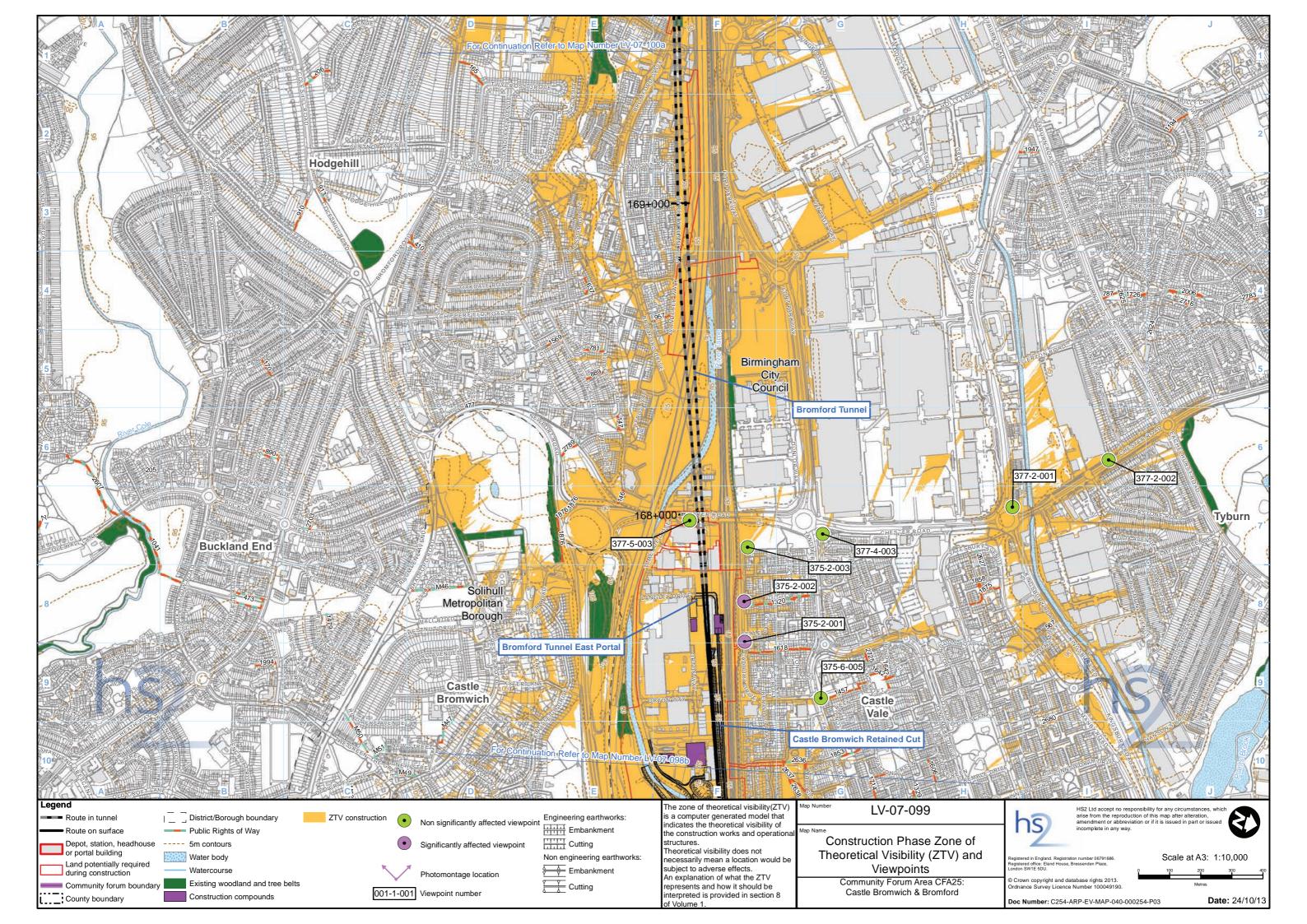


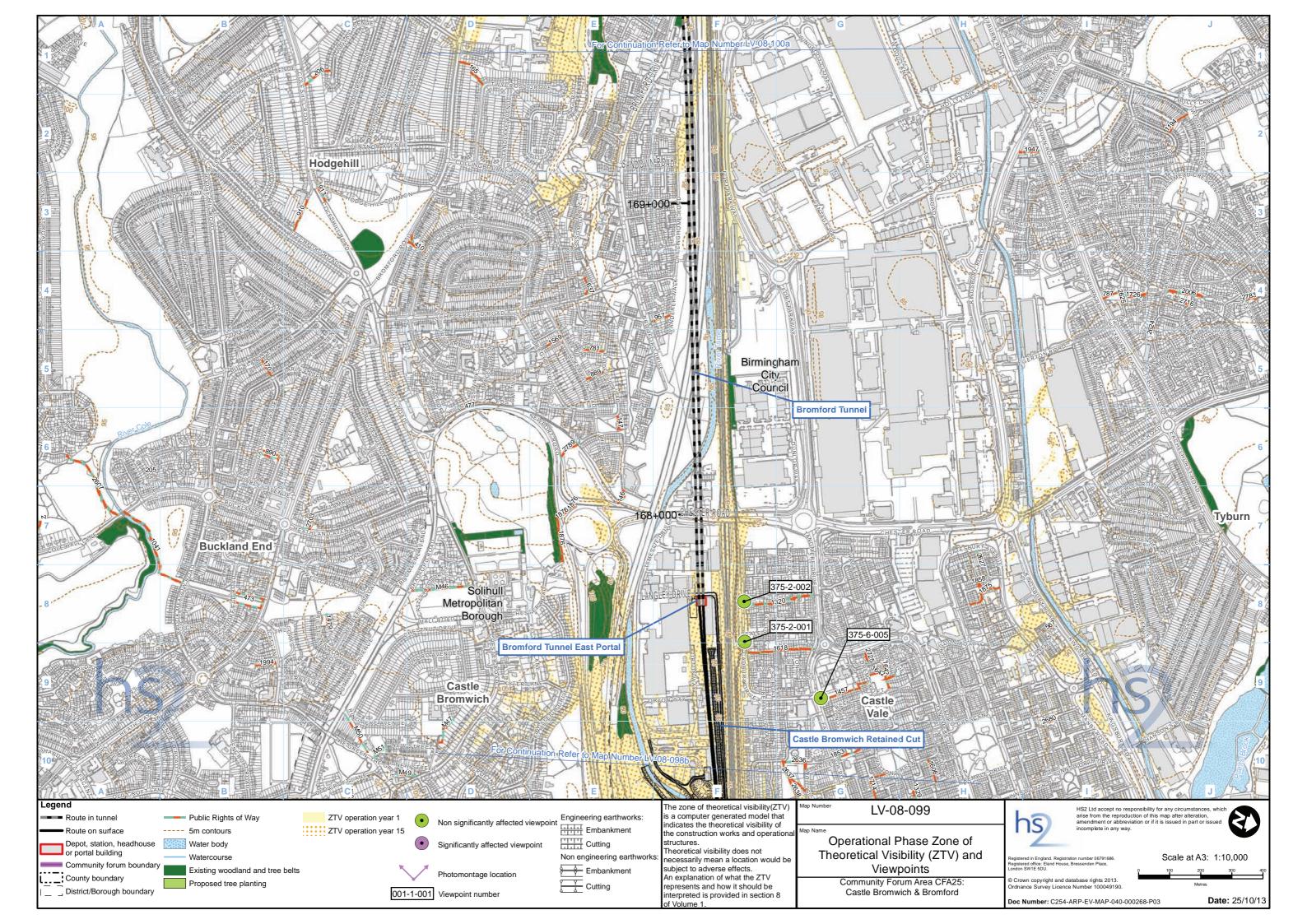


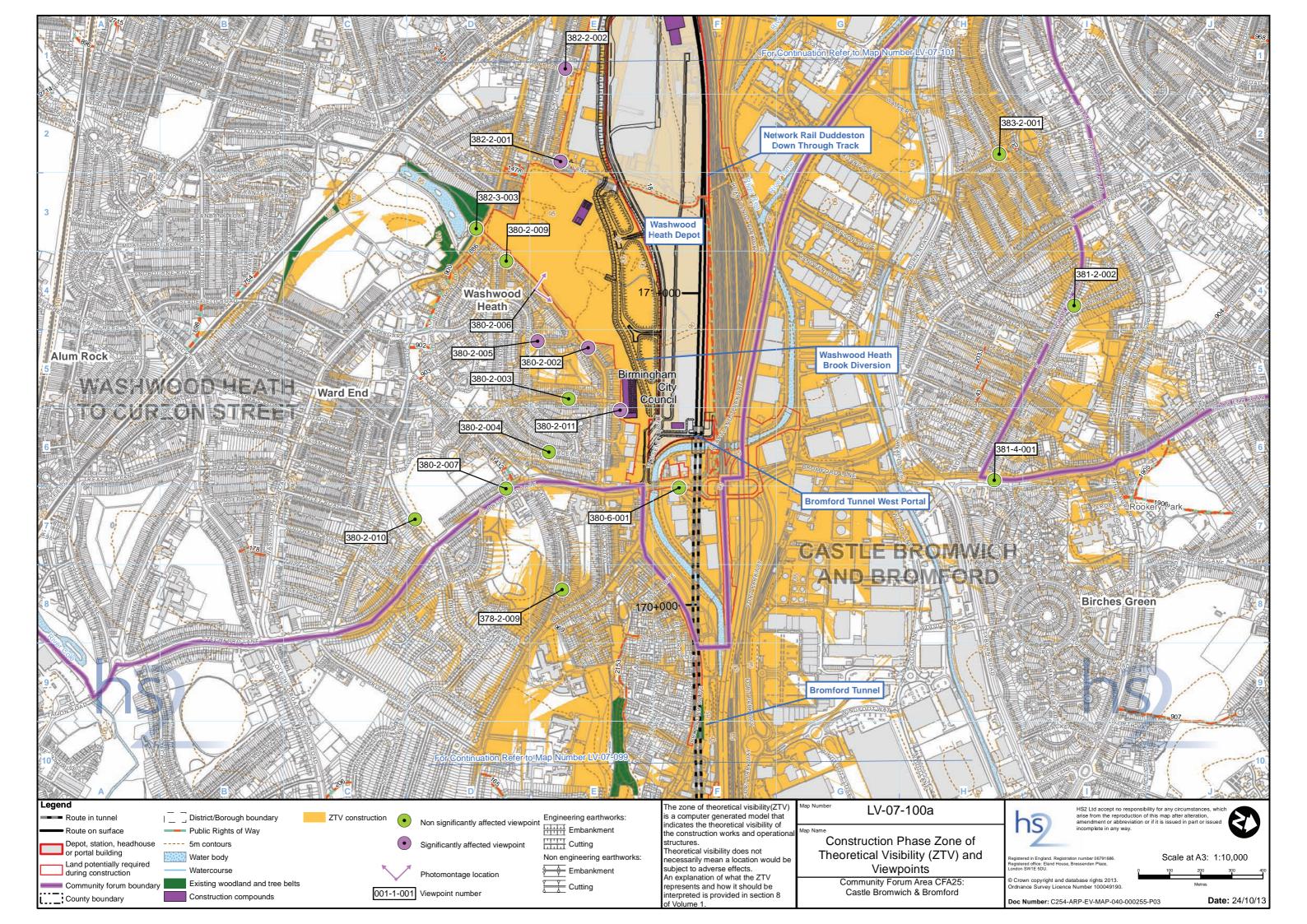


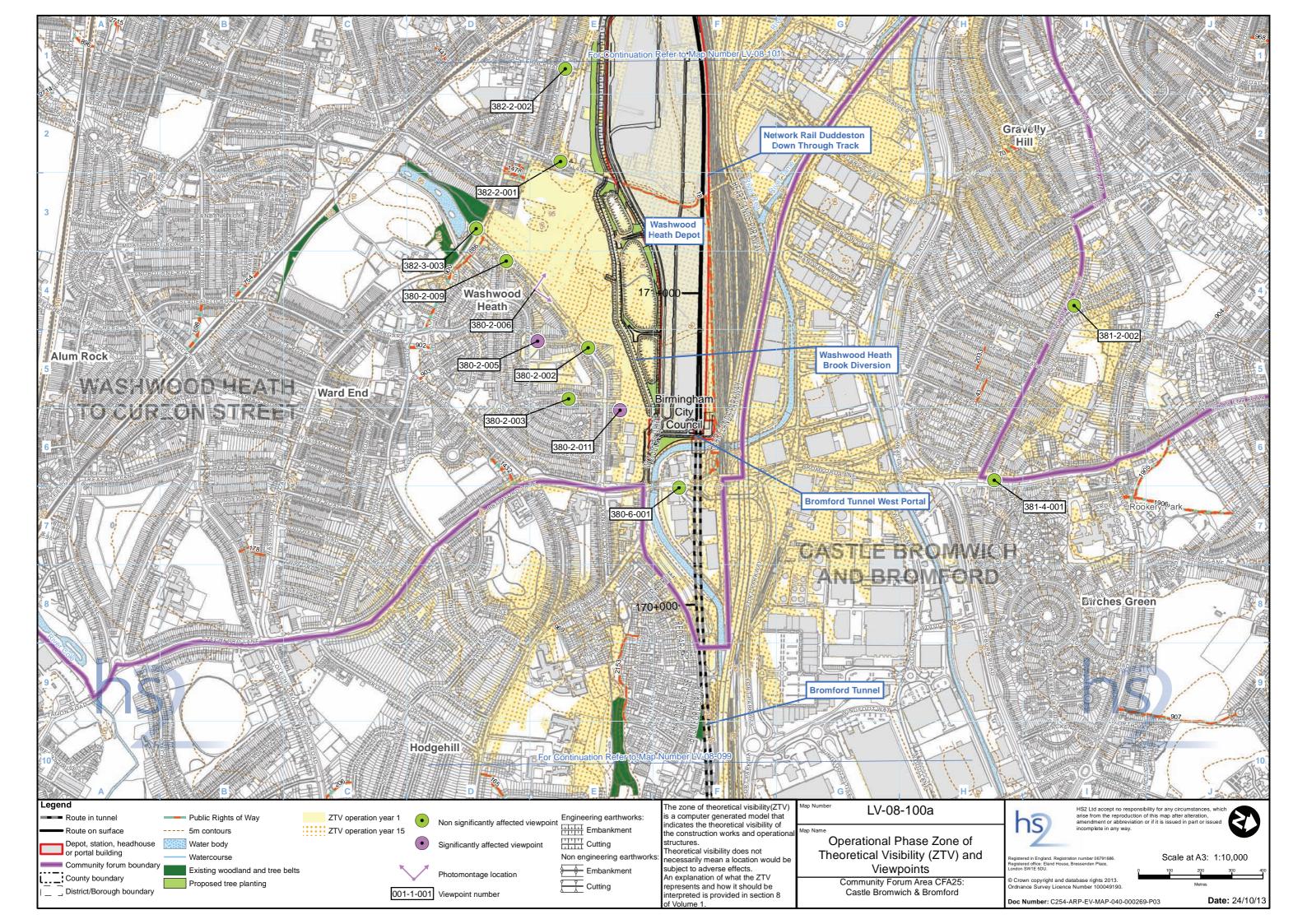












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LONDON-WEST MIDLANDS ENVIRONMENTAL STATEMENT

CFA₂6 | Washwood Heath to Curzon Street

LV-01 - Photomontages

LV-02 - Landscape Character Areas

LV-o7 - Construction Phase Zone Of Theoretical Visibility (ZTV) & Viewpoints

LV-o8 - Operational Phase Zone Of Theoretical Visibility (ZTV) & Viewpoints



Operation Year 1 (2026) - Winter verifiable photomontage



Technical InformationLocation: Viewpoint 380-2-006: View north-west from Drews

Date taken: 14/03/13 Time taken: 07:53 Focal length: 57.296mm

Viewpoint location shown on Map LV-04-100b. For key plan legend refer to map series LV-04.

This verifiable photomontage provides an illustration of how the Proposed Scheme may look in 2026 (the opening year). The design of the Proposed Scheme may be subject to design development in response to consultation. Design development will not result in any significant adverse change in the environmental effects detailed in the photomontages of the Proposed Scheme. Where new planting is proposed, it has been shown as immature plants which would mature over time to further integrate the Proposed Scheme into the landscape.



LV-01-176

Verifiable Photomontage Operation Year 1 (2026) - Winter Viewpoint 380-2-006

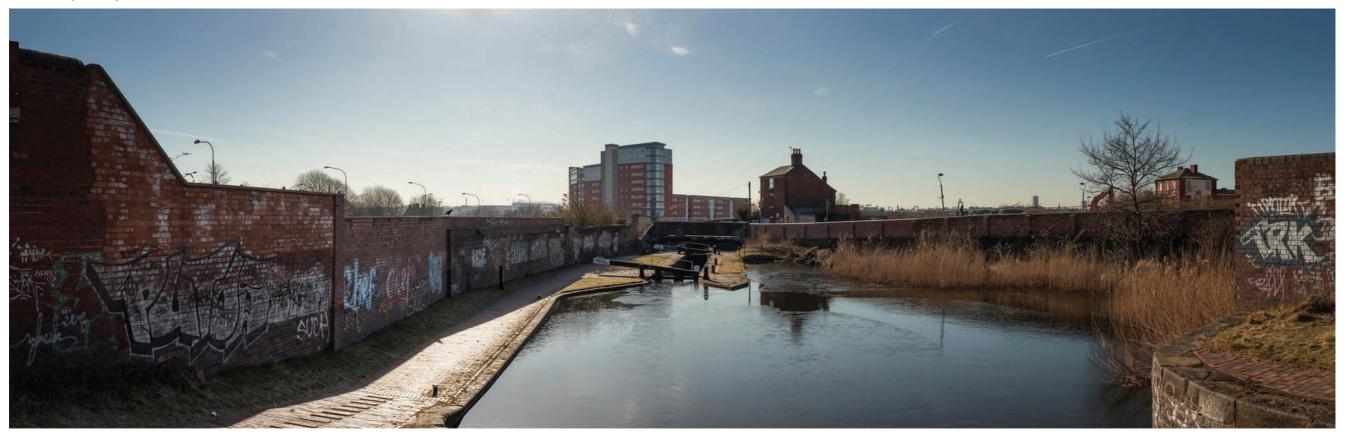
Community Forum Area CFA26: Washwood Health to Curzon Street

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Date: 17/10/13



Operation Year 1 (2026) - Winter verifiable photomontage



Technical Information
Location: Viewpoint 389-3-010: View south from Digbeth Branch (Birmingham and Fazeley Canal) towpath.

Date taken: 14/03/13 Time taken: 09:28 Focal length: 57.296mm

Viewpoint location shown on Map LV-04-102. For key plan legend refer to map series LV-04.

This verifiable photomontage provides an illustration of how the Proposed Scheme may look in 2026 (the opening year). The design of the Proposed Scheme may be subject to design development in response to consultation. Design development will not result in any significant adverse change in the environmental effects detailed in the photomontages of the Proposed Scheme. Where new planting is proposed, it has been shown as immature plants which would mature over time to further integrate the Proposed Scheme into the landscape.



LV-01-178

Verifiable Photomontage Operation Year 1 (2026) - Winter Viewpoint 389-3-010

> Community Forum Area CFA26: Washwood Health to Curzon Street

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Doc Number: C250-ARP-EV-PHO-000-001177-P01

Date: 15/10/13



Peak construction phase - Winter verifiable photomontage



Technical Information Location: Viewpoint 380-2-006: View north-west from Drews Lane.

Date taken: 14/03/13 Time taken: 07:53 Focal length: 57.296mm

Viewpoint location shown on Map LV-03-100b. For key plan legend refer to map series LV-03.

This verifiable photomontage provides an illustration of how the Proposed Scheme may look during the peak construction phase for this part of the route. The construction methods and siting of construction activities may be subject to change in response to consultation and ongoing design. The extent of land required temporarily to construct the scheme will not extend beyond that shown in the photomontage. Changes in the construction of the Proposed Scheme will not result in any significant adverse change in the environmental effects detailed in the photomontages of the Proposed Scheme.



LV-01-215

Verifiable Photomontage Peak construction phase - Winter Viewpoint 380-2-006

> Community Forum Area CFA26: Washwood Health to Curzon Street

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Date: 10/10/13



Operation Year 15 (2041) - Summer verifiable photomontage



Technical InformationLocation: Viewpoint 380-2-006: View north-west from residences on Drews Lane.

Date taken: 18/09/12 Time taken: 17:25 Focal length: 57.296mm

Viewpoint location shown on Map LV-04-100b. For key plan legend refer to map series LV-04.

This verifiable photomontage provides an illustration of how the Proposed Scheme may look in 2041 (15 years after opening). The design of the Proposed Scheme may be subject to design development in response to consultation. Design development will not result in any significant adverse change in the environmental effects detailed in the photomontages of the Proposed Scheme. Where new planting is proposed, it has been shown as semi-mature trees which have put on 15 years of growth to illustrate how the Proposed Scheme will further integrate into the landscape over time.



LV-01-266

Verifiable Photomontage Operation Year 15 (2041) - Summer Viewpoint 380-2-006

> Community Forum Area CFA26: Washwood Heath to Curzon Street

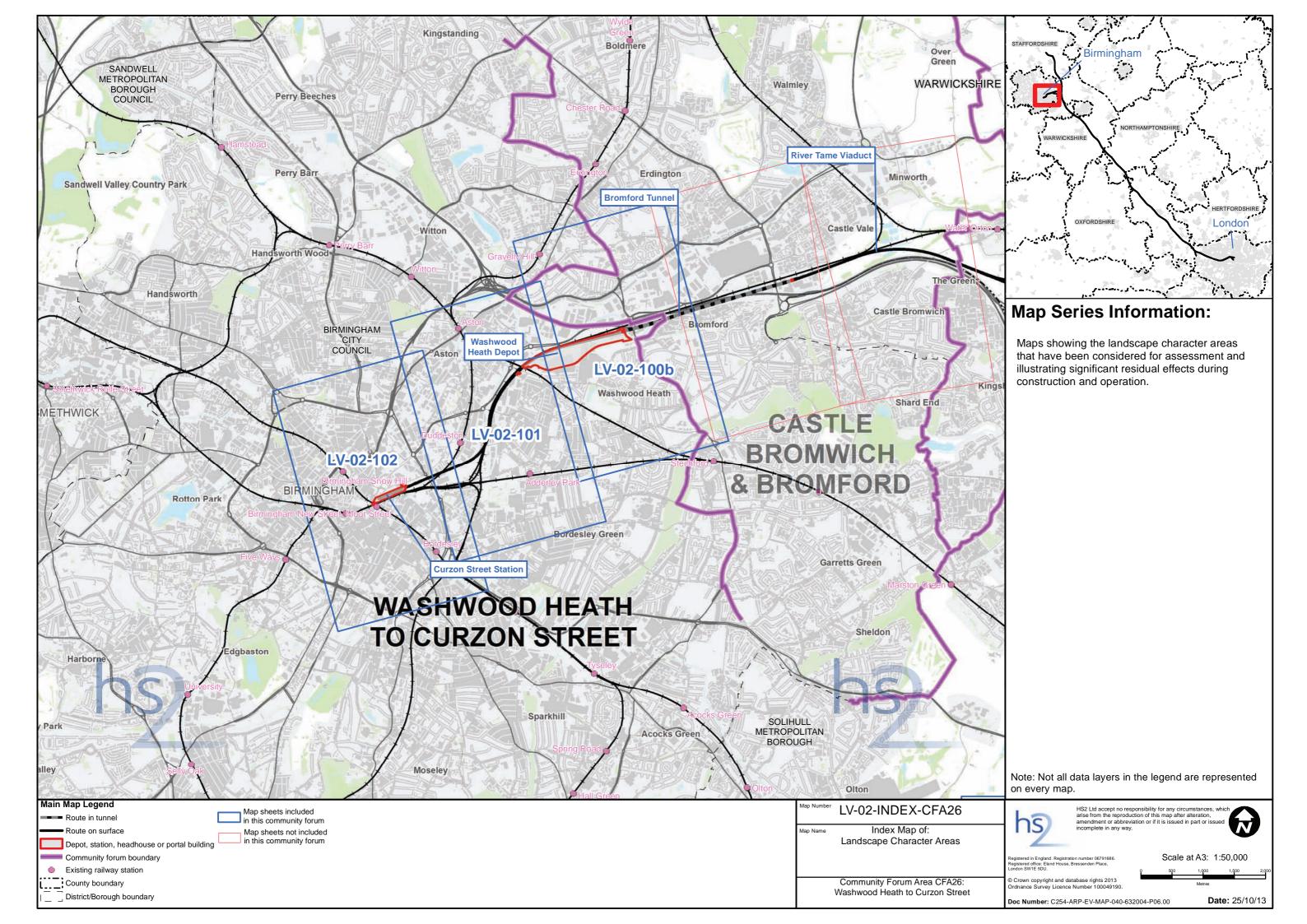


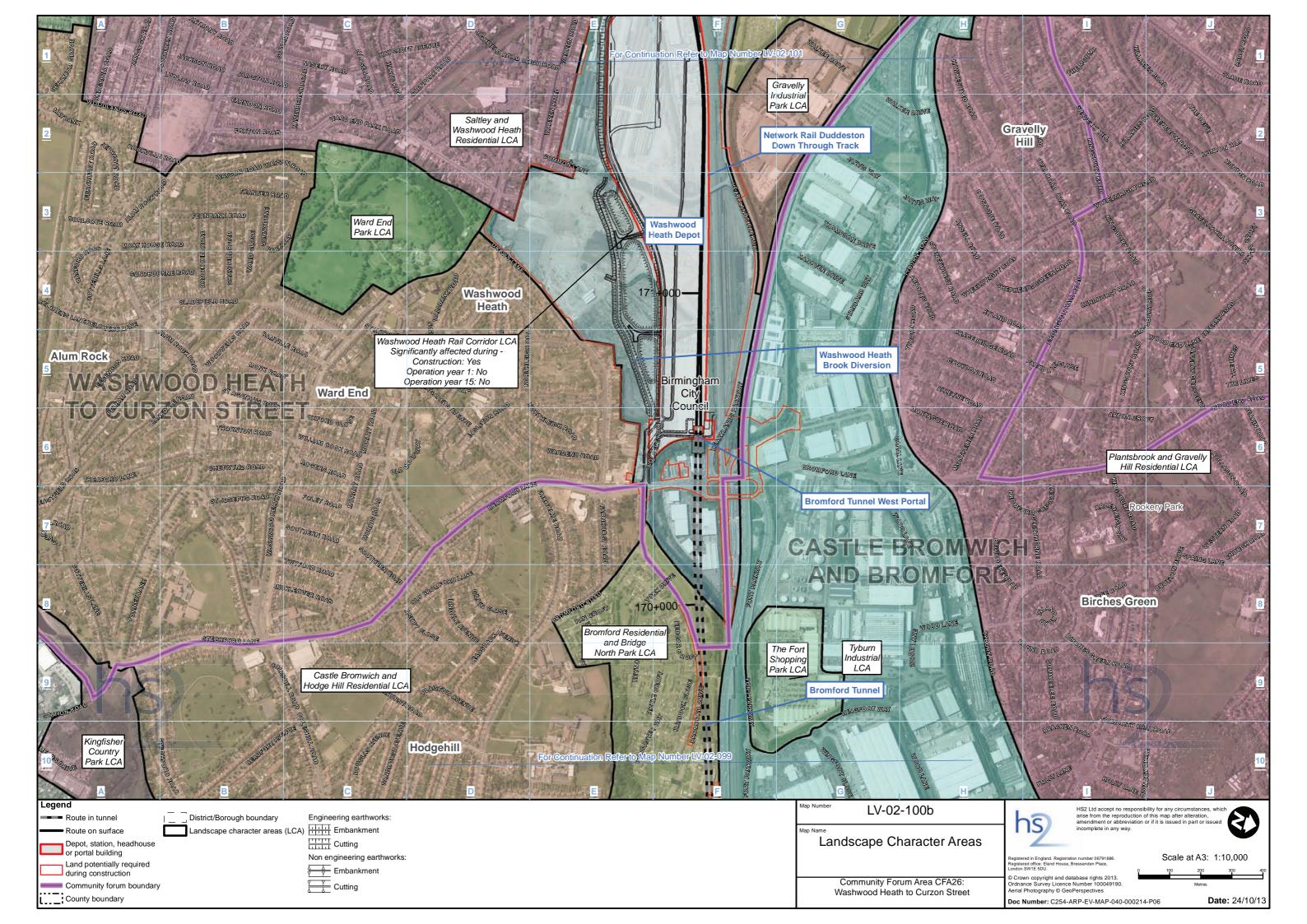
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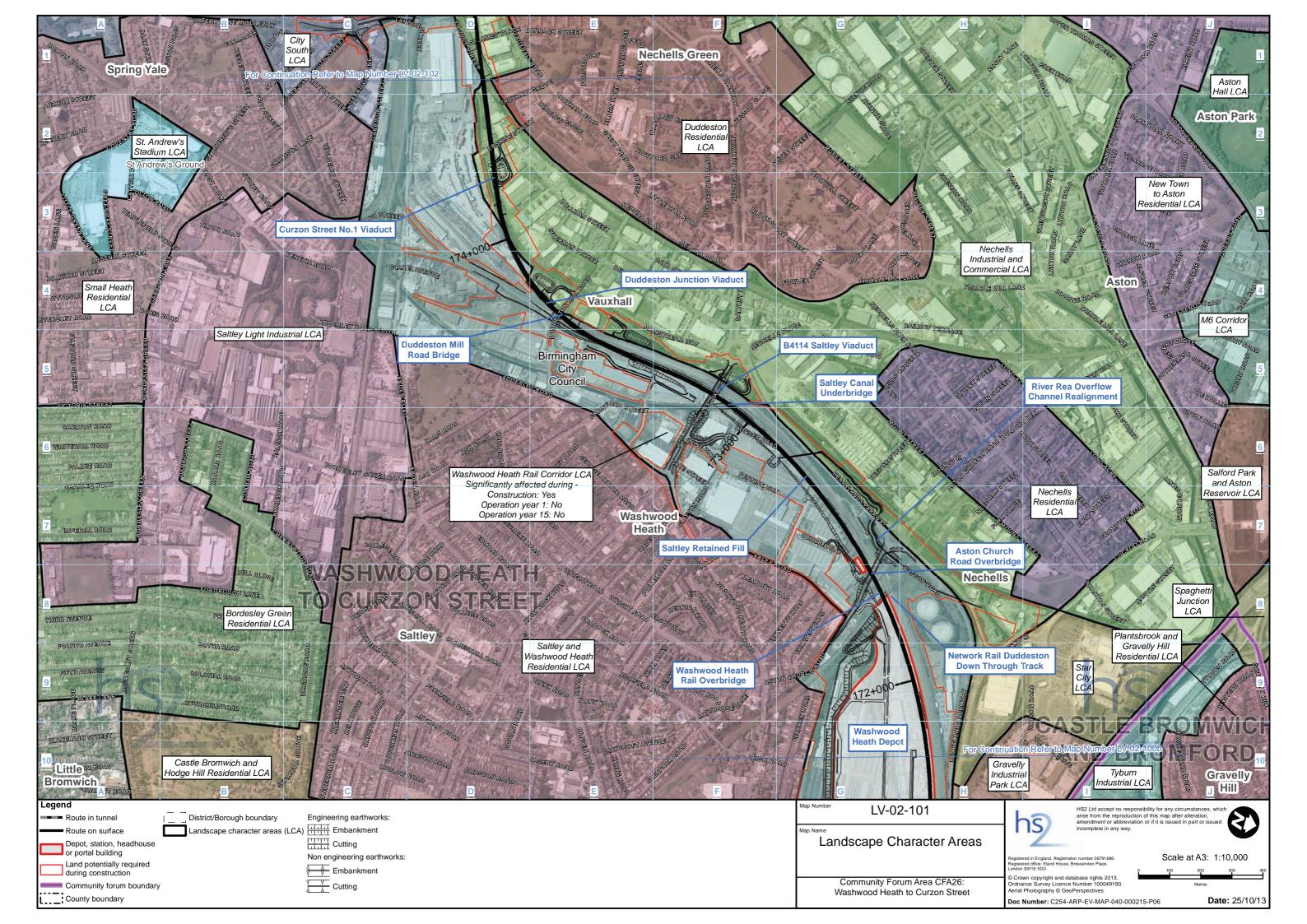
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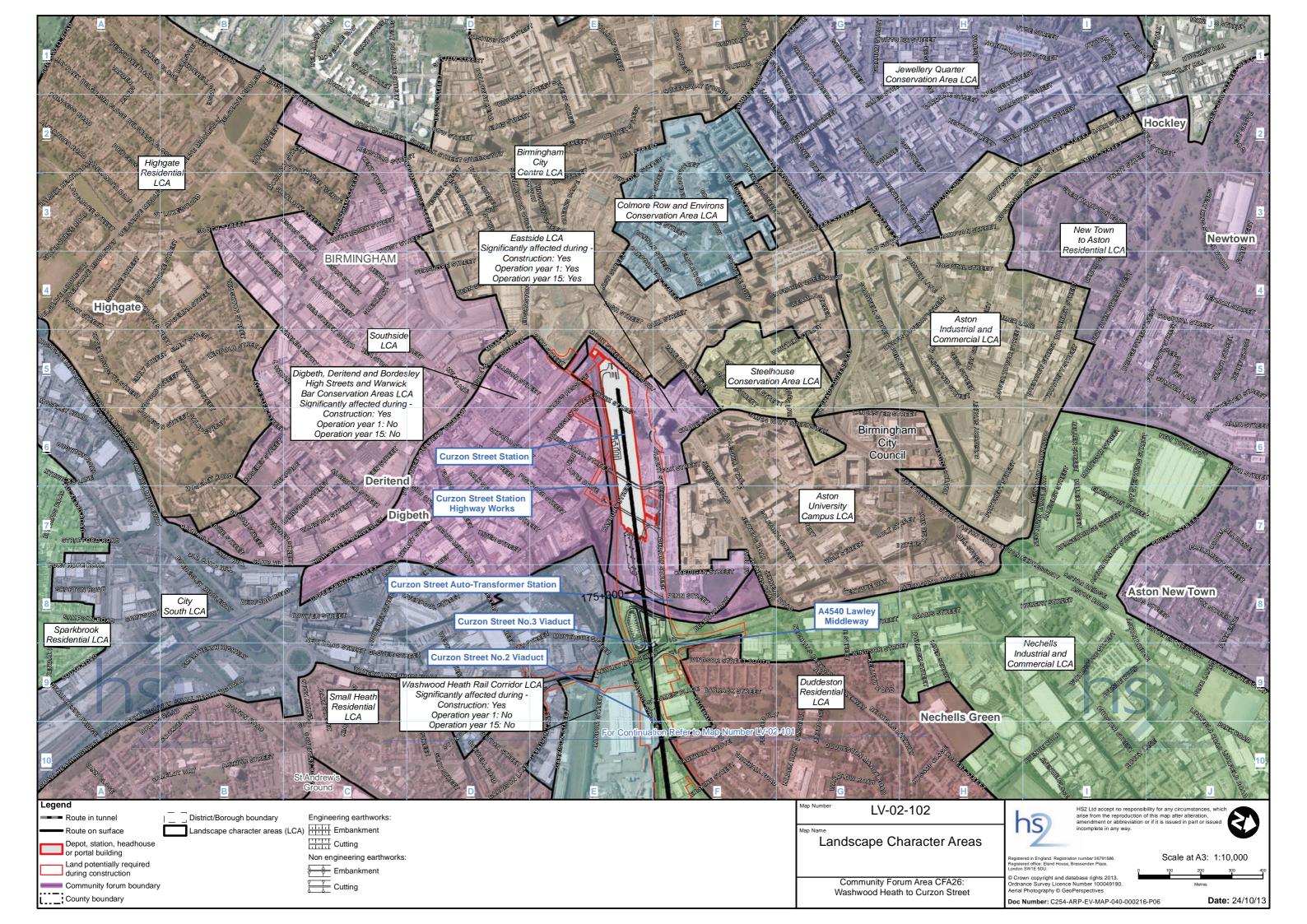
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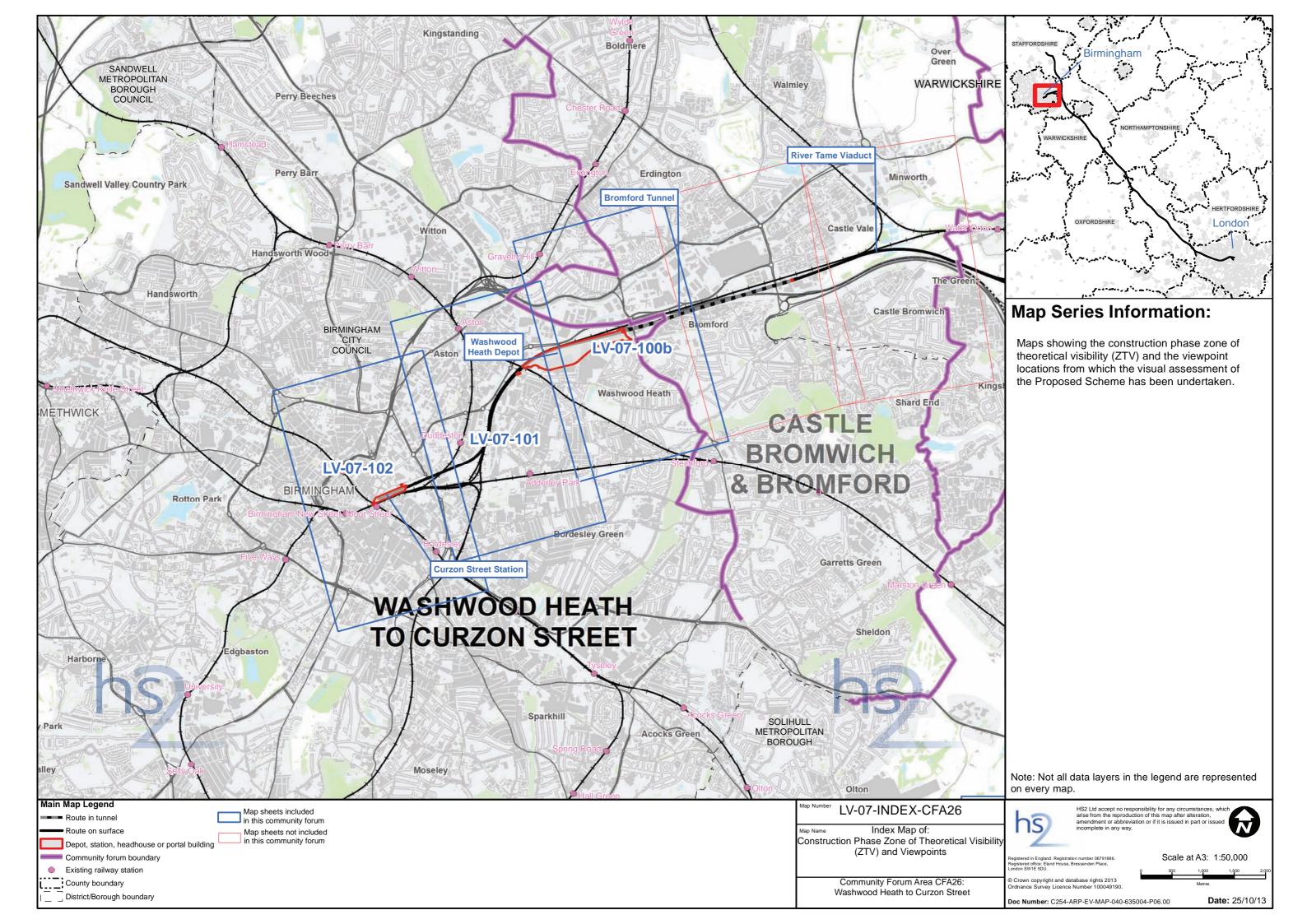
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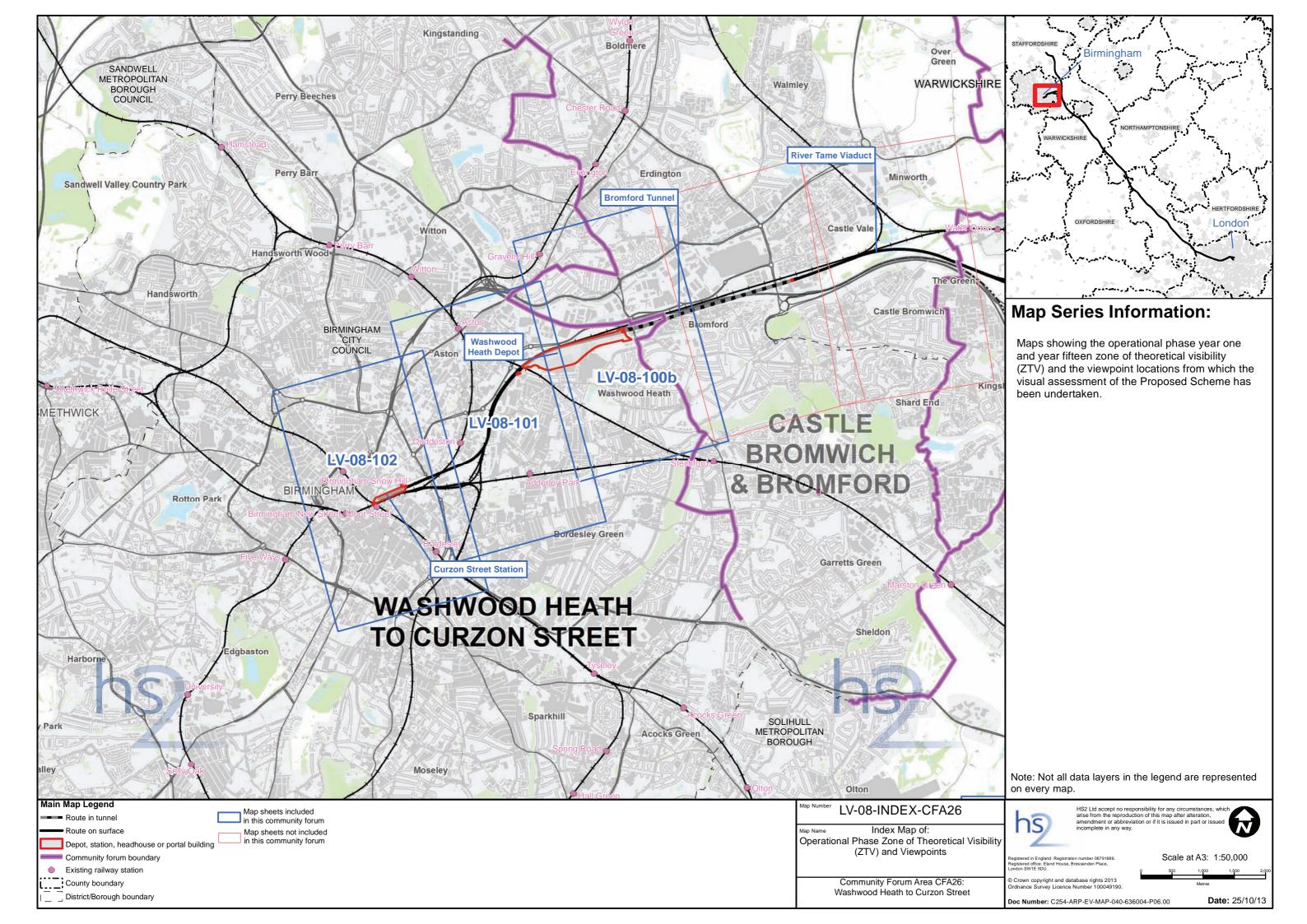


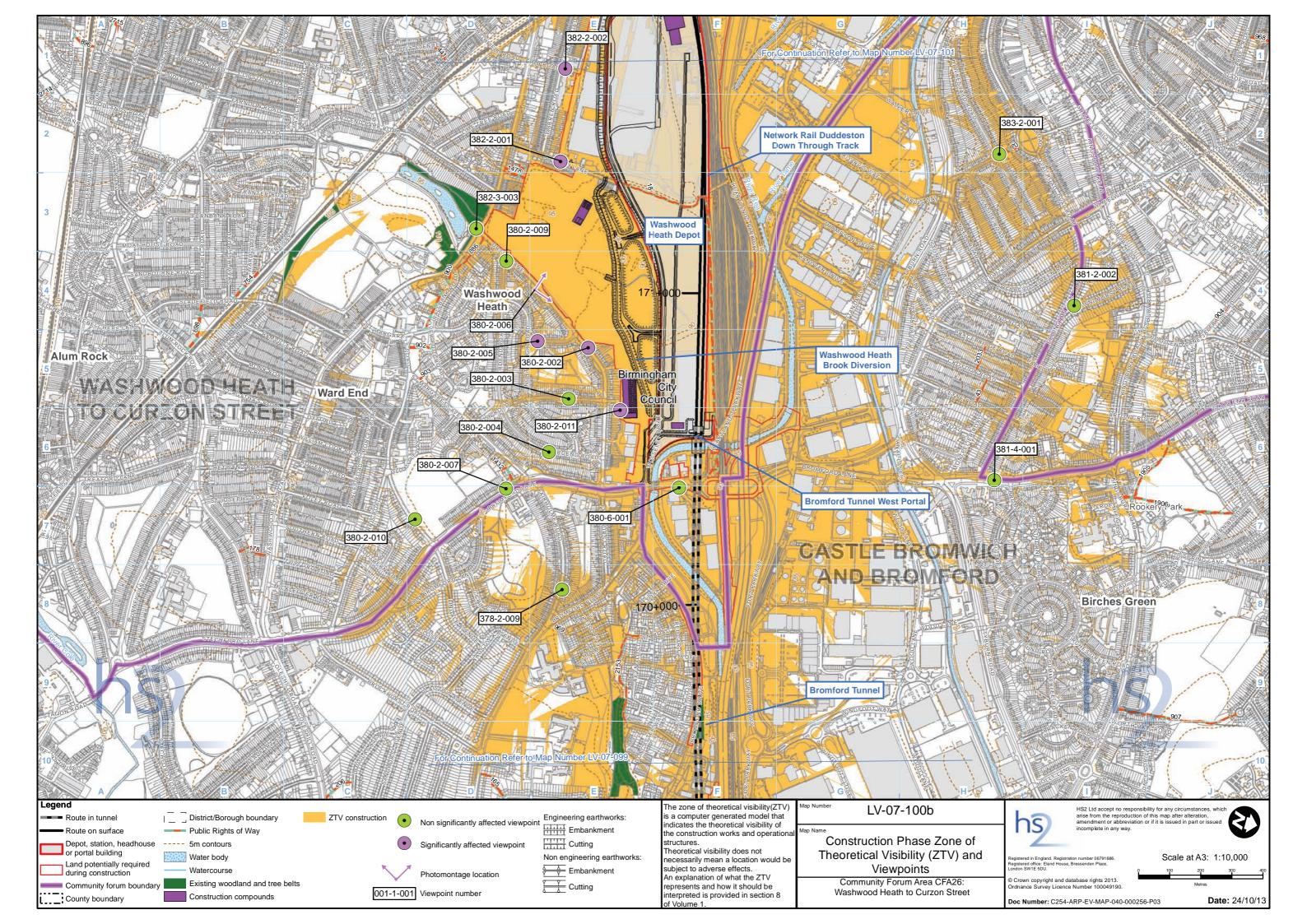


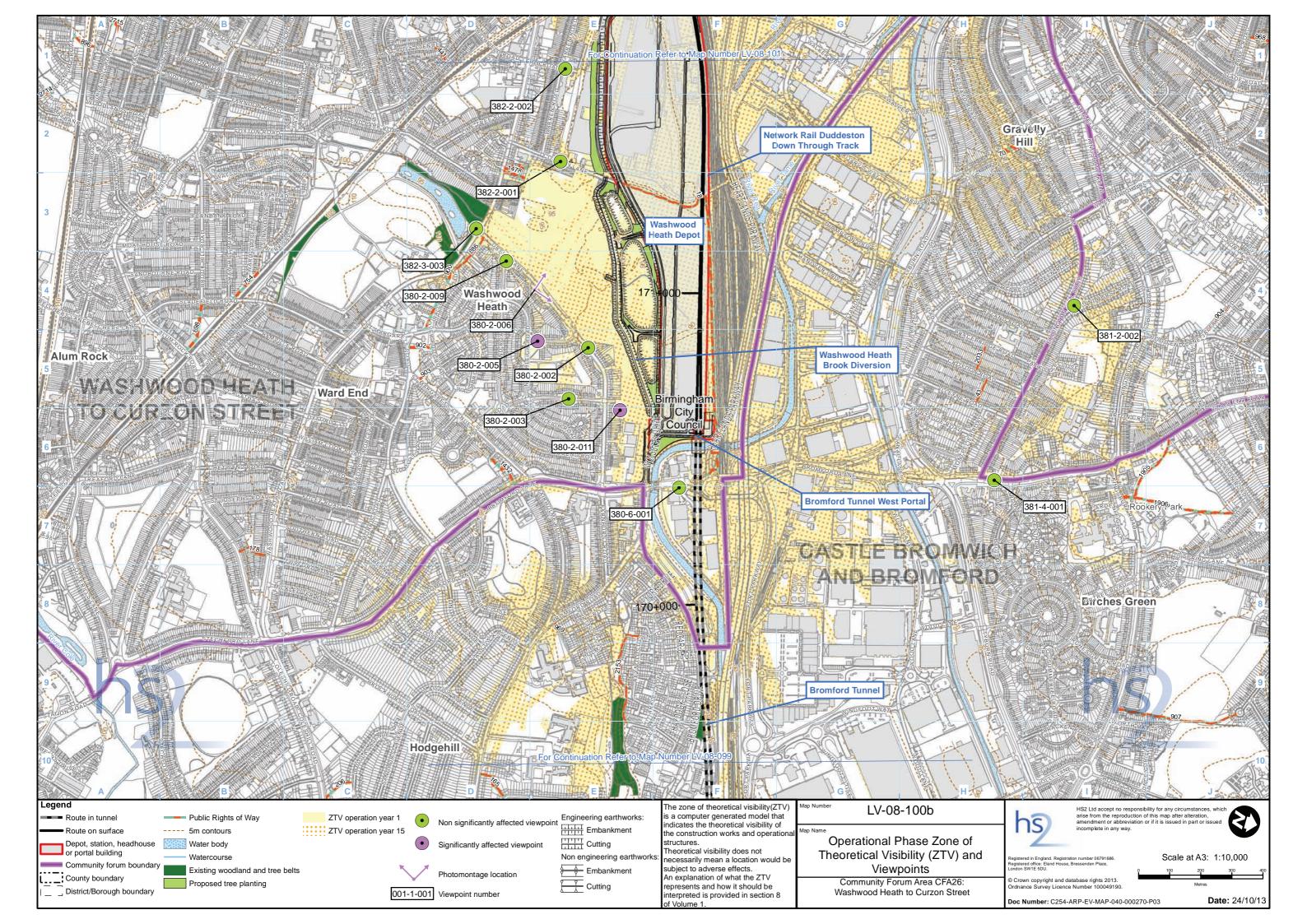


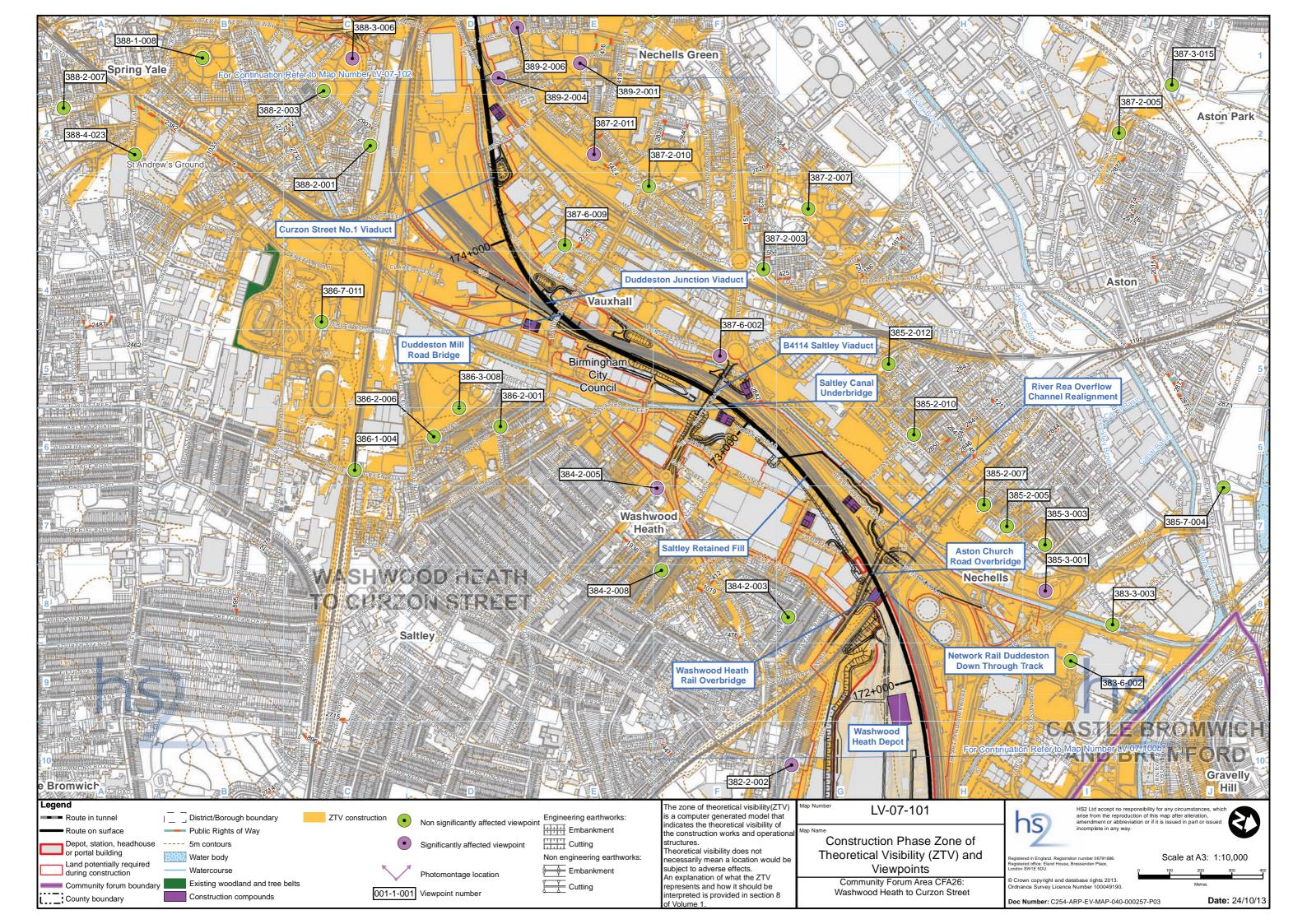


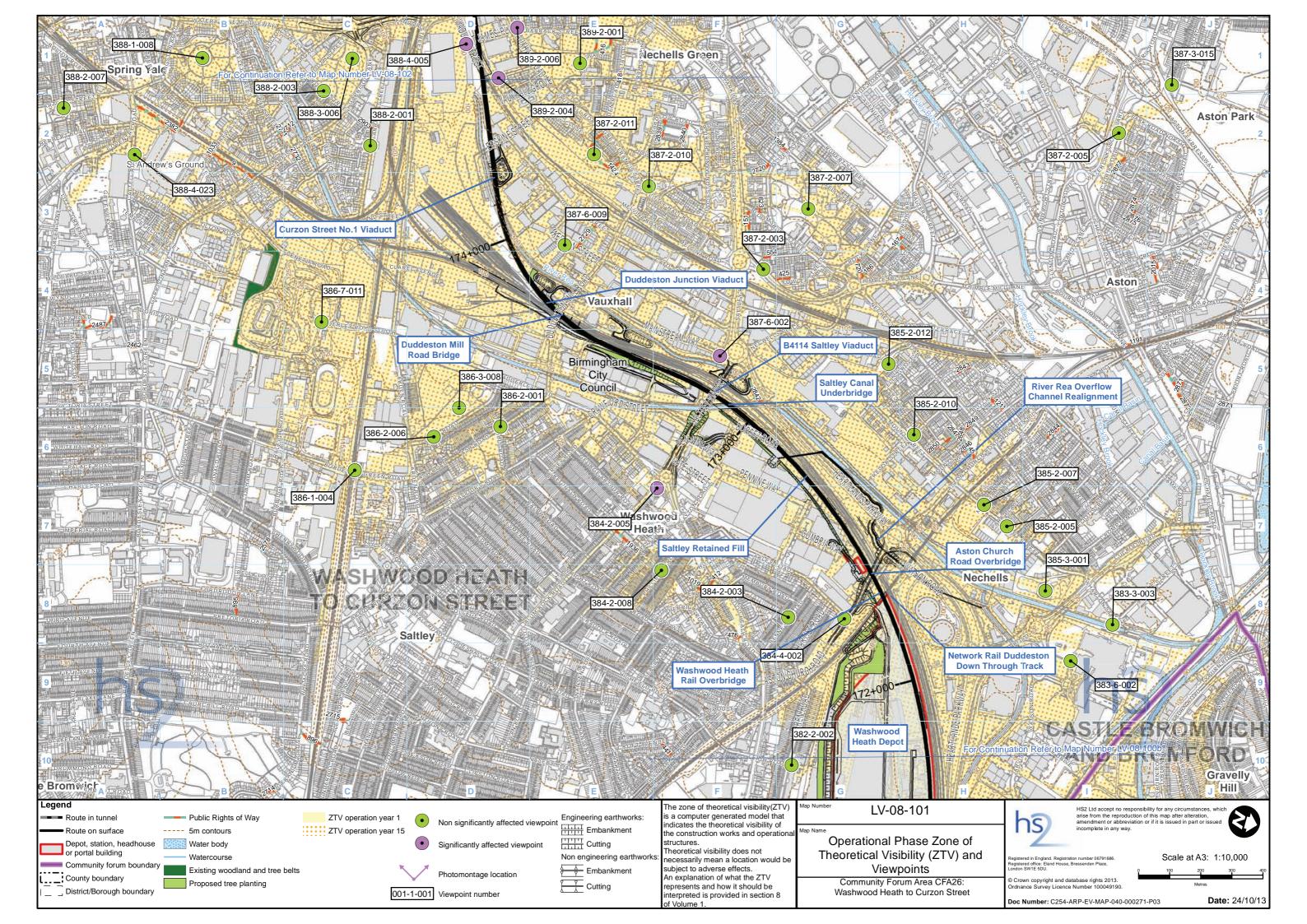


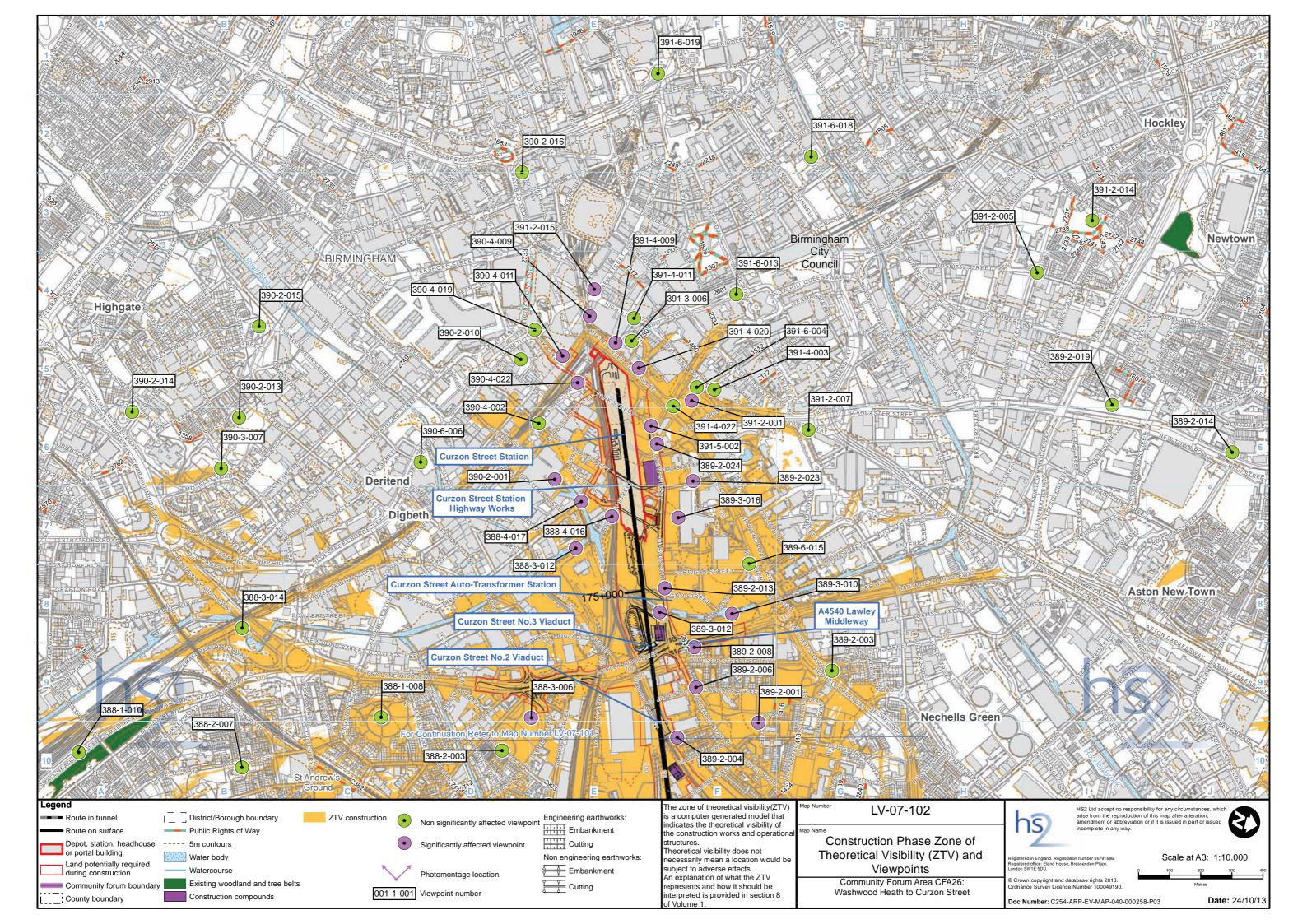


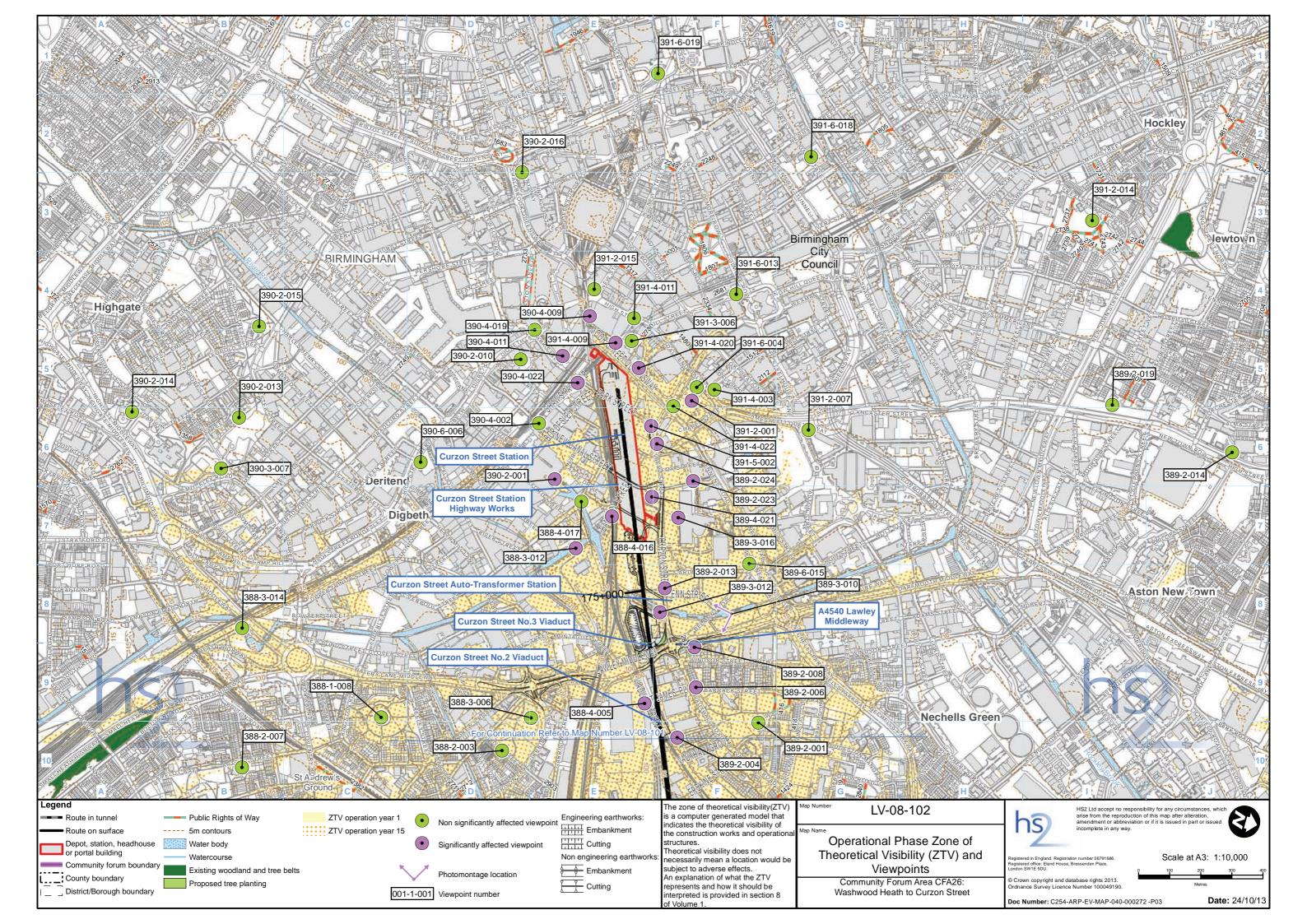












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